ANNEX 15

Cracking verification in SLS2 combination,
maximum Fz considering K=∞

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
1	-26.1	-27.5	-678.1	-129.6	-135.7	-583.5	0.0331	0.0462	0.0055	9.70	6.95	58.86	0.00	-0.32	-1.37	0.0
2	103.4	276.4	-284.7	-36.1	-75.0	-95.4	0.0331	0.0462	0.0055	8.92	6.39	54.12	0.00	-0.18	-0.61	0.0
3	88.8	196.0	-317.4	41.1	-74.0	230.3	0.0331	0.0462	0.0055	8.61	6.16	52.24	0.00	-0.18	-0.70	0.0
4	-83.4	-304.4	-819.1	134.5	-133.1	818.3	0.0331	0.0462	0.0055	9.02	6.46	54.73	0.00	-0.36	-1.74	0.0
5	-81.9	-38.1	-732.9	-134.8	-150.7	-607.0	0.0331	0.0462	0.0055	9.62	6.89	58.37	0.00	-0.37	-1.44	0.0
6	40.9	279.8	-320.8	-34.2	-99.3	-95.5	0.0331	0.0462	0.0055	8.95	6.41	54.28	0.00	-0.23	-0.66	0.0
7	27.5	201.1	-353.2	51.2	-96.2	228.4	0.0331	0.0462	0.0055	8.59	6.15	52.10	0.00	-0.23	-0.74	0.0
8	-135.8	-310.7	-873.6	151.0	-142.7	840.0	0.0331	0.0462	0.0055	8.99	6.44	54.55	0.00	-0.41	-1.81	0.0
9	-184.7	-55.9	-824.1	-127.8	-208.9	-605.2	0.0331	0.0462	0.0055	8.37	6.00	50.81	0.00	-0.40	-1.49	0.0
10	-85.8	260.6	-408.6	-27.0	-186.0	-92.4	0.0331	0.0462	0.0055	8.25	5.91	50.08	0.00	-0.27	-0.78	0.0
11	-97.2	186.7	-440.6	59.7	-180.8	222.2	0.0331	0.0462	0.0055	7.78	5.57	47.20	0.00	-0.28	-0.84	0.0
12	-233.1	-316.1	-964.7	157.3	-194.6	834.6	0.0331	0.0462	0.0055	7.73	5.54	46.91	0.00	-0.44	-1.84	0.0
13	-409.8	-103.8	-1049.0	-101.1	-403.6	-535.9	0.0331	0.0462	0.0055	4.55	3.25	27.58	0.00	-0.41	-1.60	0.0
14	-370.4	175.1	-677.2	-10.6	-457.2	-69.3	0.0331	0.0462	0.0055	5.53	3.96	33.54	0.00	-0.23	-1.19	0.0
15	-381.7	110.7	-710.5	71.0	-451.7	201.2	0.0331	0.0462	0.0055	4.86	3.48	29.48	0.00	-0.24	-1.22	0.0
16	-454.7	-337.2	-1192.6	151.2	-384.9	760.8	0.0331	0.0462	0.0055	3.52	2.52	21.35	0.00	-0.45	-1.88	0.0
17	-921.2	-270.3	-1760.8	-61.5	-1059.3	-359.6	0.0331	0.0462	0.0055				-0.06	-0.36	-2.53	
18	-980.1	-96.4	-1532.6	21.7	-1250.4	31.4	0.0331	0.0462	0.0055	0.73	0.52	4.44	0.00	-0.12	-2.56	0.0
19	-997.5	-147.5	-1577.5	103.1	-1255.3	190.7	0.0331	0.0462	0.0055	0.34	0.24	2.04	0.00	-0.15	-2.61	0.0
20	-978.7	-456.7	-1929.7	155.8	-1060.3	596.1	0.0331	0.0462	0.0055				-0.11	-0.49	-2.77	
21	-1953.5	-1226.1	-6590.4	-58.1	-3137.3	-190.6	0.0331	0.0462	0.0055				-0.37	-1.22	-8.18	
22	-2141.8	-1235.7	-6811.2	86.4	-3494.2	182.5	0.0331	0.0462	0.0055				-0.27	-1.23	-8.68	
23	-2177.5	-1287.3	-6960.7	201.4	-3541.9	333.0	0.0331	0.0462	0.0055				-0.29	-1.27	-8.86	
24	-2060.4	-1390.1	-7045.2	257.1	-3256.4	570.9	0.0331	0.0462	0.0055				-0.45	-1.34	-8.71	
25	-1235.2	-1789.6	-10751.3	143.7	396.9	371.3	0.0331	0.0462	0.0055				-1.18	-1.82	-10.78	
26	-1248.9	-1856.6	-11100.4	73.9	366.2	367.5	0.0331	0.0462	0.0055				-1.22	-1.85	-11.13	
27	-1279.1	-1902.9	-11353.2	-54.9	389.9	364.4	0.0331	0.0462	0.0055				-1.26	-1.89	-11.38	
28	-1327.7	-1925.7	-11507.7	-132.9	471.2	354.9	0.0331	0.0462	0.0055				-1.28	-1.93	-11.54	
29	-4645.5	-1787.7	-7080.8	-277.7	4345.1	663.5	0.0331	0.0462	0.0057				-1.28	-1.80	-10.43	
30	-4797.2	-1901.3	-7642.5	-200.3	4253.1	283.6	0.0331	0.0462	0.0057				-1.74	-1.89	-10.72	
31	-4912.0	-1945.2	-7796.7	224.2	4379.8	179.2	0.0331	0.0462	0.0057				-1.54	-2.15	-10.97	
32	-4990.6	-1920.0	-7546.0	313.3	4727.7	-415.6	0.0331	0.0462	0.0057				-1.37	-1.89	-11.19	
33	-2611.2	-915.4	-3075.0	131.7	1293.5	205.1	0.0331	0.0462	0.0057				-0.84	-1.61	-4.16	
34	-2711.9	-949.0	-3181.2	172.4	1736.9	63.6	0.0331	0.0462	0.0057				-0.86	-1.28	-4.70	
35	-2758.1	-971.3	-3210.9	194.8	1780.9	95.3	0.0331	0.0462	0.0057				-0.84	-1.32	-4.78	
36	-2750.1	-983.1	-3165.9	237.8	1426.9	-113.0	0.0331	0.0462	0.0057				-0.95	-1.54	-4.42	
37	-1643.9	-646.4	-2222.0	194.4	1101.4	-410.7	0.0331	0.0462	0.0057				-0.53	-0.83	-3.15	
38	-1529.6	-504.0	-1424.9	181.4	1349.7	25.1	0.0331	0.0462	0.0057				-0.08	-0.55	-2.83	
39	-1544.1	-521.1	-1436.6	164.3	1368.5	35.8	0.0331	0.0462	0.0057				-0.08	-0.56	-2.86	
40	-1687.7	-697.8	-2257.6	148.1	1158.3	444.1	0.0331	0.0462	0.0057				-0.33	-1.12	-3.19	
41	-847.8	-326.6	-906.3	179.1	855.3	-332.6	0.0331	0.0462	0.0057	0.53	0.38	3.12	0.00	-0.29	-1.84	0.0
42	-672.5	-205.7	-432.7	164.1	502.6	-31.0	0.0331	0.0462	0.0057				0.00	-0.21	-1.09	
43	-672.1	-218.9	-437.8	145.7	511.1	38.8	0.0331	0.0462	0.0057	0.91	0.65	5.33	0.00	-0.30	-1.12	0.0
44	-846.7	-366.2	-921.8	125.2	881.0	339.2	0.0331	0.0462	0.0057	5.79	4.14	33.85	0.00	-0.73	-1.98	0.0
45	-276.8	-142.3	-263.7	136.3	292.3	-45.0	0.0331	0.0462	0.0140	1.41	1.01	3.35	0.00	-0.18	-0.65	0.0
46	-252.5	-107.1	-228.8	133.8	243.0	-37.4	0.0331	0.0462	0.0140	1.18	0.84	2.79	0.00	-0.15	-0.56	0.0
47	-245.5	-117.0	-231.4	133.3	246.7	30.4	0.0331	0.0462	0.0140	2.39	1.71	5.66	0.00	-0.25	-0.58	0.0
48	-256.3	-171.8	-271.8	125.1	303.6	37.5	0.0331	0.0462	0.0140	2.77	1.98	6.56	0.00	-0.31	-0.67	0.0
49	-36.3	-81.3	-136.6	125.2	91.4	-26.5	0.0331	0.0462	0.0140	2.50	1.79	5.93	0.00	-0.17	-0.33	0.0
50	-28.9	-67.0	-127.5	113.6	83.4	-16.3	0.0331	0.0462	0.0140	2.48	1.78	5.88	0.00	-0.17	-0.30	0.0
51	-19.9	-74.0	-129.2	107.9	84.7	-3.9	0.0331	0.0462	0.0140	2.56	1.84	6.08	0.00	-0.19	-0.29	0.0
52	-9.7	-102.2	-141.6	91.5	95.1	10.1	0.0331	0.0462	0.0140	2.45	1.76	5.81	0.00	-0.21	-0.29	0.0
53	56.4	-60.3	-86.5	106.3	-27.8	-28.2	0.0331	0.0462	0.0140	3.82	2.73	9.04	0.00	-0.22	-0.25	0.0
54	63.3	-55.0	-84.7	92.9	-29.4	-18.6	0.0331	0.0462	0.0140	3.63	2.60	8.60	0.00	-0.21	-0.23	0.0
55	71.9	-59.4	-85.9	81.1	-29.8	-10.1	0.0331	0.0462	0.0140	3.49	2.50	8.27	0.00	-0.20	-0.22	0.0
56	82.0	-73.5	-90.2	64.0	-29.0	-3.8	0.0331	0.0462	0.0140	3.30	2.36	7.81	0.00	-0.20	-0.21	0.0
57	70.1	-61.3	-47.1	79.6	-71.6	-35.1	0.0331	0.0462	0.0140	4.27	3.06	10.12	0.00	-0.22	-0.24	0.0
58	77.4	-57.9	-47.1	67.3	-73.1	-25.5	0.0331	0.0462	0.0140	4.16	2.98	9.85	0.00	-0.22	-0.23	0.0
59	84.1	-59.9	-47.9	55.3	-74.9	-17.3	0.0331	0.0462	0.0140	4.08	2.92	9.66	0.00	-0.21	-0.22	0.0
60	90.1	-67.5	-49.7	41.1	-76.8	-10.1	0.0331	0.0462	0.0140	4.01	2.87	9.51	0.00	-0.20	-0.22	0.0
61	32.9	-68.4	41.6	45.7	-78.4	-43.7	0.0331	0.0462	0.0140	4.09	2.93	9.69	0.00	-0.18	-0.22	0.0
62	37.1	-64.6	40.9	35.9	-81.1	-39.8	0.0331	0.0462	0.0140	4.07	2.91	9.64	0.00	-0.18	-0.21	0.0
63	40.8	-64.1	40.9	27.2	-84.2	-36.5	0.0331	0.0462	0.0140	4.09	2.93	9.69	0.00	-0.18	-0.21	0.0
64	43.8	-67.0	41.5	18.0	-87.7	-33.5	0.0331	0.0462	0.0140	4.14	2.96	9.80	0.00	-0.18	-0.21	0.0
125	-36.3	51.3	61.2	23.7	-10.3	-80.5	0.0047	0.0461	0.0244	29.66	3.04	5.73	0.00	-0.16	-0.18	0.0
126	-33.6	50.8	60.1	20.5	-15.4	-69.6	0.0045	0.0462	0.0244	28.72	2.79	5.28	0.00	-0.14	-0.17	0.0
127	-32.4	51.4	59.2	16.9	-18.7	-60.3	0.0045	0.0462	0.0244	26.65	2.59	4.90	0.00	-0.12	-0.16	0.0
128	-32.8	53.0	58.6	13.6	-20.0	-52.7	0.0047	0.0461	0.0244	23.82	2.44	4.60	0.00	-0.11	-0.15	0.0
189	-63.4	106.1	-125.3	10.5	161.6	-78.0	0.0047	0.0282	0.0244	30.05	5.01	5.79	0.00	-0.09	-0.41	0.0
190	-62.6	104.5	-126.4	12.1	156.1	-63.0	0.0045	0.0283	0.0244	28.39	4.50	5.22	0.00	-0.08	-0.39	0.0
191	-62.5	104.5	-131.1	13.4	155.2	-51.3	0.0045	0.0283	0.0244	26.48	4.20	4.87	0.00	-0.06	-0.38	0.0
192	-63.2	106.1	-139.5	15.1	159.3	-44.1	0.0047	0.0282	0.0244	24.56	4.10	4.73	0.00	-0.06	-0.39	0.0
253	-77.6	94.8	-433.9	-5.7	290.9	-62.2	0.0047	0.0282	0.0244	27.23	4.53	5.23	0.00	-0.07	-0.73	0.0
254	-78.3	93.4	-436.6	5.7	288.1	-45.0	0.0045	0.0283	0.0244	23.84	3.78	4.38	0.00	-0.04	-0.71	0.0
255	-79.1	92.9	-446.5	8.6	289.8	-35.1	0.0045	0.0283	0.0244	22.10	3.50	4.06	0.00	-0.02	-0.71	0.0
256	-80.0	93.5	-463.7	12.9	296.1	-33.3	0.0047	0.0282	0.0244	20.56	3.42	3.95	0.00	-0.02	-0.72	0.0
317	-84.1	54.9	-730.3	-9.4	398.5	-45.5	0.0047	0.0282	0.0244	25.27	4.19	4.85	0.00	-0.07	-1.04	0.0
318	-85.7	53.1	-735.8	-3.3	398.6	-28.1	0.0045	0.0283	0.0244	23.99	3.80	4.41	0.00	-0.06	-1.03	0.0
319	-87.0	52.2	-750.3	4.6	402.2	-22.2	0.0045	0.0283	0.0244	22.98	3.64	4.22	0.00	-0.05	-1.04	0.0
320	-88.2	52.3	-773.9	10.5	409.5	-28.6	0.0047	0.0282	0.0244	22.02	3.65	4.22	0.00	-0.05	-1.07	0.0
381	-83.8	12.1	-950.9	-12.4	516.2	-34.2	0.0047	0.0282	0.0244	34.48	5.71	6.60	0.00	-0.15	-1.35	0.0
382	-85.9	9.4	-959.0	-5.8	518.8	-16.2	0.0045	0.0283	0.0244	34.87	5.53	6.41	0.00	-0.15	-1.36	0.0
383	-87.7	8.0	-976.9	-6.6	523.9	-14.4	0.0045	0.0283	0.0244	34.69	5.50	6.38	0.00	-0.15	-1.38	0.0
384	-89.2	7.9	-1004.9	-14.9	531.5	-29.9	0.0047	0.0282	0.0244	33.99	5.63	6.50	0.00	-0.16	-1.41	0.0
445	-90.1	-27.0	-1080.1	34.2	691.6	45.0	0.0047	0.0193	0.0244	58.73	14.19	11.21	0.00	-0.31	-1.71	0.0
446	-93.1	-30.8	-1089.4	9.7	698.4	18.5	0.0045	0.0194	0.0244	59.60	13.79	10.95	0.00	-0.30	-1.72	0.0
447	-95.1	-33.1	-1109.8	-16.2	704.8	17.1	0.0045	0.0194	0.0244	59.27	13.72	10.89	0.00	-0.30	-1.74	0.0
448	-96.1	-33.6	-1141.5	-40.9	710.7	40.8	0.0047	0.0193	0.0244	56.71	13.70	10.83	0.00	-0.30	-1.77	0.0
509	3.0	-43.6	-1092.3	-71.4	1894.7	89.0	0.0160	0.0262	0.0244	89.41	54.58	58.42	0.00	-1.47	-3.95	0.0
510	1.0	-50.8	-1094.8	-59.3	1885.1	56.8	0.0158	0.0262	0.0244	89.65	53.97	57.96	0.00	-1.46	-3.93	0.0
511	-5.7	-54.1	-1117.6	36.2	1894.8	-22.0	0.0158	0.0262	0.0244	89.45	53.85	57.83	0.00	-1.47	-3.95	0.0
512	-16.6	-53.4	-1160.7	48.8	1923.6	-55.8	0.0160	0.0262	0.0244	88.82	54.22	58.03	0.00	-1.47	-4.02	0.0
513	22.0	8.5	28.5	-34.5	50.1	-49.7	0.0331	0.0462	0.0022	3.34	2.39	49.54	0.00	-0.13	-0.14	0.0
514	24.4	10.4	28.1	-35.6	51.4	-51.6	0.0331	0.0462	0.0022	3.46	2.48	51.33	0.00	-0.13	-0.15	0.0
515	28.2	11.3	28.0	-37.2	54.6	-53.4	0.0331	0.0462	0.0022	3.64	2.61	53.98	0.00	-0.14	-0.16	0.0
516	33.3	11.1	28.4	-38.8	59.7	-54.8	0.0331	0.0462	0.0022	3.87	2.77	57.31	0.00	-0.14	-0.17	0.0
517	51.8	15.6	-29.6	-64.4	54.2	-39.4	0.0331	0.0462	0.0022	3.89	2.79	57.68	0.00	-0.16	-0.19	0.0
518	56.9	16.3	-30.0	-66.1	55.2	-36.9	0.0331	0.0462	0.0022	4.01	2.87	59.41	0.00	-0.16	-0.19	0.0
519	63.8	14.6	-30.8	-67.4	57.0	-34.2	0.0331	0.0462	0.0022	4.14	2.97	61.37	0.00	-0.17	-0.19	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
520	72.3	10.5	-32.2	-67.6	59.6	-31.1	0.0331	0.0462	0.0022	4.28	3.06	63.35	0.00	-0.17	-0.20	0.0
521	54.4	21.0	-61.1	-89.1	28.4	-32.9	0.0331	0.0462	0.0022	4.16	2.98	61.60	0.00	-0.19	-0.21	0.0
522	61.1	20.9	-60.6	-91.7	28.9	-30.1	0.0331	0.0462	0.0022	4.33	3.10	64.15	0.00	-0.19	-0.21	0.0
523	70.0	16.7	-61.8	-94.0	29.4	-27.1	0.0331	0.0462	0.0022	4.49	3.21	66.50	0.00	-0.20	-0.22	0.0
524	80.6	8.7	-64.8	-93.5	29.9	-23.8	0.0331	0.0462	0.0022	4.58	3.28	67.83	0.00	-0.21	-0.22	0.0
525	1.7	12.5	-110.2	-109.3	-57.6	-27.6	0.0331	0.0462	0.0022	3.58	2.56	53.00	0.00	-0.16	-0.29	0.0
526	8.6	14.1	-107.3	-114.4	-55.5	-26.4	0.0331	0.0462	0.0022	3.85	2.76	57.09	0.00	-0.18	-0.29	0.0
527	17.9	7.4	-108.9	-120.3	-56.6	-23.2	0.0331	0.0462	0.0022	4.10	2.94	60.75	0.00	-0.19	-0.30	0.0
528	29.2	-7.6	-115.2	-120.8	-61.1	-21.8	0.0331	0.0462	0.0022	4.15	2.97	61.46	0.00	-0.20	-0.31	0.0
529	-166.6	-28.5	-249.5	-123.8	-232.1	-28.3	0.0331	0.0462	0.0022	2.66	1.91	39.45	0.00	-0.15	-0.56	0.0
530	-155.6	-20.2	-233.9	-135.5	-214.1	-28.7	0.0331	0.0462	0.0022	3.00	2.15	44.40	0.00	-0.17	-0.54	0.0
531	-148.2	-29.8	-236.5	-147.0	-217.8	20.4	0.0331	0.0462	0.0022	4.06	2.91	60.20	0.00	-0.25	-0.57	0.0
532	-144.9	-57.3	-257.5	-153.1	-243.1	19.5	0.0331	0.0462	0.0022	4.27	3.05	63.18	0.00	-0.27	-0.61	0.0
533	-619.5	-222.5	-1126.7	-144.0	-824.8	-82.1	0.0331	0.0462	0.0057	0.31	0.22	1.81	0.00	-0.24	-1.76	0.0
534	-569.6	-187.9	-991.2	-157.9	-725.1	21.7	0.0331	0.0462	0.0057	1.68	1.21	9.85	0.00	-0.32	-1.60	0.0
535	-568.5	-200.8	-996.2	-171.1	-733.5	27.7	0.0331	0.0462	0.0057	2.12	1.52	12.38	0.00	-0.35	-1.62	0.0
536	-616.7	-261.4	-1142.1	-179.2	-850.2	87.2	0.0331	0.0462	0.0057	3.42	2.45	20.00	0.00	-0.48	-1.88	0.0
537	-890.6	-444.9	-2337.3	-183.1	-289.5	-214.7	0.0331	0.0462	0.0057				-0.37	-0.88	-2.42	
538	-838.0	-388.2	-2034.4	-185.1	-290.0	-31.1	0.0331	0.0462	0.0057				-0.32	-0.84	-2.10	
539	-851.7	-405.1	-2046.0	-186.3	-308.6	65.0	0.0331	0.0462	0.0057				-0.32	-0.86	-2.12	
540	-932.1	-495.9	-2372.7	-184.1	-345.9	245.9	0.0331	0.0462	0.0057				-0.36	-0.96	-2.47	
541	-870.8	-382.5	-1865.5	-207.0	321.4	-171.0	0.0331	0.0462	0.0057				-0.26	-0.89	-1.97	
542	-884.2	-361.2	-1676.2	-205.5	172.4	64.8	0.0331	0.0462	0.0057				-0.29	-0.91	-1.72	
543	-929.3	-383.6	-1705.9	-198.3	128.7	130.2	0.0331	0.0462	0.0057				-0.31	-0.96	-1.75	
544	-1006.5	-450.1	-1956.1	-197.3	189.1	259.5	0.0331	0.0462	0.0057				-0.36	-1.00	-2.05	
545	-1184.7	-438.3	-1803.0	-232.4	-984.0	240.9	0.0331	0.0462	0.0057				-0.12	-0.78	-2.53	
546	-1291.2	-492.7	-1943.4	-222.1	-1158.5	249.0	0.0331	0.0462	0.0057				-0.12	-0.78	-2.82	
547	-1404.4	-536.9	-2097.3	-207.6	-1284.7	261.1	0.0331	0.0462	0.0057				-0.15	-0.81	-3.08	
548	-1525.0	-571.1	-2267.4	-206.0	-1364.8	250.5	0.0331	0.0462	0.0057				-0.21	-0.84	-3.31	
549	-397.7	-545.9	-3140.5	-109.1	-771.3	354.8	0.0331	0.0462	0.0055				-0.10	-0.60	-3.38	
550	-389.2	-620.1	-3492.3	-68.1	-783.8	381.5	0.0331	0.0462	0.0055				-0.15	-0.63	-3.72	
551	-419.0	-666.4	-3744.9	46.0	-806.7	404.9	0.0331	0.0462	0.0055				-0.23	-0.62	-3.98	
552	-489.1	-682.0	-3896.3	95.1	-843.3	423.2	0.0331	0.0462	0.0055				-0.29	-0.63	-4.15	
553	-328.3	-402.2	-2496.4	-110.4	956.5	-114.4	0.0331	0.0462	0.0055	2.32	1.66	14.05	0.00	-0.52	-2.94	0.0
554	-374.4	-431.8	-2697.5	-134.4	1185.3	228.8	0.0331	0.0462	0.0055	3.81	2.73	23.10	0.00	-0.54	-3.35	0.0
555	-410.3	-483.0	-2846.9	-165.0	1233.5	329.4	0.0331	0.0462	0.0055	3.21	2.30	19.49	0.00	-0.54	-3.51	0.0
556	-435.6	-565.0	-2950.9	-141.3	1077.4	486.5	0.0331	0.0462	0.0055				-0.03	-0.48	-3.44	
557	-47.5	-39.1	-738.2	-79.0	218.3	-247.1	0.0331	0.0462	0.0055	4.75	3.40	28.80	0.00	-0.28	-1.02	0.0
558	-9.3	40.2	-611.7	-64.6	361.0	64.1	0.0331	0.0462	0.0055	5.07	3.63	30.76	0.00	-0.13	-0.96	0.0
559	-26.8	-10.2	-656.6	-64.9	366.3	190.9	0.0331	0.0462	0.0055	4.38	3.14	26.61	0.00	-0.11	-1.02	0.0
560	-105.2	-223.3	-906.8	-19.4	220.5	479.8	0.0331	0.0462	0.0055	2.20	1.58	13.35	0.00	-0.19	-1.27	0.0
561	58.5	14.9	-566.1	-84.4	-51.5	-373.9	0.0331	0.0462	0.0055	6.55	4.69	39.71	0.00	-0.17	-0.97	0.0
562	146.2	161.8	-329.5	-42.4	70.8	-60.0	0.0331	0.0462	0.0055	6.42	4.60	38.98	0.00	-0.10	-0.56	0.0
563	134.9	98.1	-362.7	-26.6	65.5	190.0	0.0331	0.0462	0.0055	5.04	3.61	30.57	0.00	-0.02	-0.61	0.0
564	13.6	-216.1	-709.3	33.3	-69.5	596.3	0.0331	0.0462	0.0055	5.54	3.97	33.61	0.00	-0.17	-1.30	0.0
565	73.0	17.8	-556.8	-93.1	-111.8	-455.3	0.0331	0.0462	0.0055	8.25	5.91	50.06	0.00	-0.18	-1.10	0.0
566	185.7	215.3	-259.5	-37.0	-36.2	-78.8	0.0331	0.0462	0.0055	7.40	5.30	44.91	0.00	-0.07	-0.52	0.0
567	174.2	142.0	-291.4	-9.2	-41.3	207.2	0.0331	0.0462	0.0055	7.10	5.08	43.06	0.00	-0.07	-0.61	0.0
568	24.7	-240.5	-697.1	62.2	-125.7	682.9	0.0331	0.0462	0.0055	7.67	5.49	46.52	0.00	-0.22	-1.46	0.0
569	50.3	5.7	-589.5	-105.0	-128.1	-509.4	0.0331	0.0462	0.0055	9.11	6.52	55.25	0.00	-0.23	-1.21	0.0
570	173.9	244.2	-252.8	-35.6	-60.7	-88.1	0.0331	0.0462	0.0055	8.06	5.77	48.88	0.00	-0.09	-0.54	0.0
571	160.6	165.9	-285.1	17.5	-63.7	220.2	0.0331	0.0462	0.0055	7.75	5.55	47.00	0.00	-0.09	-0.64	0.0
572	-3.4	-265.7	-729.9	87.4	-135.9	741.4	0.0331	0.0462	0.0055	8.45	6.05	51.24	0.00	-0.26	-1.57	0.0
573	15.0	-11.3	-632.2	-118.2	-132.4	-550.7	0.0331	0.0462	0.0055	9.52	6.81	57.74	0.00	-0.27	-1.30	0.0
574	143.6	263.5	-264.5	-35.9	-68.7	-93.1	0.0331	0.0462	0.0055	8.58	6.14	52.03	0.00	-0.13	-0.58	0.0
575	129.1	183.2	-297.1	29.8	-69.6	227.7	0.0331	0.0462	0.0055	8.28	5.93	50.25	0.00	-0.13	-0.67	0.0
576	-42.3	-287.8	-773.2	111.9	-134.8	785.2	0.0331	0.0462	0.0055	8.81	6.31	53.47	0.00	-0.31	-1.67	0.0
577	-14.3	53.2	53.4	-27.0	18.3	-106.3	0.0047	0.0461	0.0127	34.99	3.59	13.01	0.00	-0.18	-0.22	0.0
578	-13.5	53.8	52.6	-28.2	20.9	-106.6	0.0045	0.0462	0.0127	37.04	3.60	13.11	0.00	-0.19	-0.22	0.0
579	-12.2	54.6	51.7	-29.6	24.4	-106.3	0.0045	0.0462	0.0127	37.27	3.63	13.19	0.00	-0.19	-0.22	0.0
580	-10.5	55.5	50.8	-31.0	28.6	-105.3	0.0047	0.0461	0.0127	35.64	3.65	13.25	0.00	-0.19	-0.22	0.0
641	-28.4	67.4	-41.3	-25.2	-90.2	-126.4	0.0047	0.0282	0.0127	33.09	5.52	12.26	0.00	-0.14	-0.33	0.0
642	-28.8	67.3	-43.1	-27.1	-85.1	-123.2	0.0045	0.0283	0.0127	33.52	5.32	11.86	0.00	-0.13	-0.33	0.0
643	-28.5	67.4	-47.9	-28.8	-84.1	-118.9	0.0045	0.0283	0.0127	32.20	5.11	11.39	0.00	-0.12	-0.32	0.0
644	-27.8	67.7	-55.6	-30.6	-87.3	-113.9	0.0047	0.0282	0.0127	29.32	4.89	10.87	0.00	-0.11	-0.32	0.0
705	-37.5	56.5	-217.0	-24.1	-156.1	-129.8	0.0047	0.0282	0.0127	25.79	4.29	9.53	0.00	-0.09	-0.47	0.0
706	-38.6	56.0	-221.4	-25.6	-153.1	-124.8	0.0045	0.0283	0.0127	25.42	4.03	8.99	0.00	-0.09	-0.46	0.0
707	-39.2	55.7	-231.3	-27.0	-154.4	-118.8	0.0045	0.0283	0.0127	23.85	3.78	8.43	0.00	-0.08	-0.46	0.0
708	-39.3	55.6	-246.7	-28.3	-160.4	-112.1	0.0047	0.0282	0.0127	21.34	3.55	7.89	0.00	-0.07	-0.46	0.0
769	-43.9	36.2	-400.6	-24.0	-205.1	-125.3	0.0047	0.0282	0.0127	18.55	3.08	6.84	0.00	-0.06	-0.61	0.0
770	-45.5	35.4	-408.4	-25.0	-204.2	-121.0	0.0045	0.0283	0.0127	18.03	2.86	6.37	0.00	-0.05	-0.61	0.0
771	-46.6	34.9	-422.8	-25.8	-207.3	-115.8	0.0045	0.0283	0.0127	16.84	2.67	5.95	0.00	-0.05	-0.61	0.0
772	-47.3	34.7	-444.0	-26.5	-214.9	-110.0	0.0047	0.0282	0.0127	15.20	2.52	5.60	0.00	-0.04	-0.63	0.0
833	-48.4	16.0	-558.3	25.4	-242.8	-118.4	0.0047	0.0282	0.0127	22.92	3.79	8.43	0.00	-0.13	-0.78	0.0
834	-50.1	15.0	-569.2	25.1	-243.6	-116.3	0.0045	0.0283	0.0127	23.11	3.66	8.17	0.00	-0.13	-0.78	0.0
835	-51.5	14.4	-586.8	-25.2	-248.0	-113.5	0.0045	0.0283	0.0127	12.94	2.05	4.57	0.00	-0.04	-0.76	0.0
836	-52.6	14.2	-611.1	-25.3	-256.2	-110.5	0.0047	0.0282	0.0127	12.24	2.03	4.50	0.00	-0.04	-0.79	0.0
897	-51.5	-0.4	-681.9	27.4	-272.9	-111.8	0.0047	0.0193	0.0127	20.98	5.07	7.70	0.00	-0.13	-0.89	0.0
898	-53.4	-1.5	-695.3	27.6	-275.1	-112.6	0.0045	0.0194	0.0127	21.48	4.97	7.59	0.00	-0.13	-0.91	0.0
899	-54.9	-2.2	-714.7	27.7	-280.2	-113.0	0.0045	0.0194	0.0127	21.38	4.95	7.55	0.00	-0.13	-0.92	0.0
900	-56.1	-2.3	-740.3	27.6	-288.4	-113.3	0.0047	0.0193	0.0127	20.68	5.00	7.59	0.00	-0.13	-0.95	0.0
961	-54.2	-12.3	-774.9	29.0	-298.9	122.5	0.0047	0.0193	0.0127	12.34	2.97	4.52	0.00	-0.06	-0.96	0.0
962	-56.2	-13.5	-790.0	29.3	-302.2	119.4	0.0045	0.0194	0.0127	12.31	2.85	4.35	0.00	-0.06	-0.97	0.0
963	-57.8	-14.2	-810.3	29.6	-307.7	115.9	0.0045	0.0194	0.0127	12.09	2.80	4.27	0.00	-0.06	-0.99	0.0
964	-59.0	-14.3	-835.8	29.6	-315.5	-117.9	0.0047	0.0193	0.0127	20.93	5.05	7.67	0.00	-0.15	-1.06	0.0
1025	-289.6	-578.9	-1651.4	-258.7	-267.8	-1421.5	0.0331	0.0462	0.0055	12.38	8.86	75.12	0.00	-0.65	-3.10	0.0
1026	-342.2	-616.1	-1757.9	-268.2	-271.2	-1496.1	0.0331	0.0462	0.0055	12.71	9.10	77.11	0.00	-0.71	-3.27	0.0
1027	-420.6	-643.2	-1879.0	-259.7	-295.1	-1534.0	0.0331	0.0462	0.0055	11.97	8.57	72.61	0.00	-0.76	-3.37	0.0
1028	-569.0	-666.2	-2077.4	-219.6	-392.4	-1480.5	0.0331	0.0462	0.0055	8.13	5.82	49.32	0.00	-0.76	-3.36	0.0
1029	-897.7	-681.9	-2529.7	-116.9	-770.2	-1141.2	0.0331	0.0462	0.0055				-0.06	-0.74	-3.31	
1030	-1722.1	-1281.2	-6512.8	-58.4	-2505.2	-547.5	0.0331	0.0462	0.0055				-0.61	-1.28	-7.63	
1031	-1243.6	-1705.1	-10405.1	182.9	452.9	356.2	0.0331	0.0462	0.0055				-1.15	-1.76	-10.44	
1032	-4523.4	-1675.9	-6523.3	-345.3	4483.2	570.2	0.0331	0.0462	0.0055				-0.92	-1.64	-10.17	
1033	-2535.1	-892.0	-3083.2	-124.9	797.8	-63.7	0.0331	0.0462	0.0057				-0.87	-1.98	-3.65	
1034	-1795.2	-827.6	-3268.9	169.6	846.1	-163.7	0.0331	0.0462	0.0057				-0.80	-1.42	-3.67	
1035	-1046.4	-478.1	-1477.2	168.6	1281.2	-37.9	0.0331	0.0462	0.0057	1.75	1.25	10.24	0.00	-0.55	-2.63	0.0
1036	-302.6	-184.2	-295.1	158.8	334.4	-38.3	0.0331	0.0462	0.0140	2.04	1.46	4.83	0.00	-0.24	-0.74	0.0
1037	-46.6	-99.0	-148.4	142.7	101.6	-28.2	0.0331	0.0462	0.0140	2.70	1.93	6.39	0.00	-0.19	-0.37	0.0
1038	48.7	-69.7	-89.7	120.4	-25.3	-35.4	0.0331	0.0462	0.0140	3.96	2.83	9.38	0.00	-0.22	-0.28	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
1039	62.8	-68.0	-47.9	90.3	-70.4	-42.9	0.0331	0.0462	0.0140	4.35	3.12	10.32	0.00	-0.23	-0.26	0.0
1040	28.2	-76.5	41.9	54.0	-76.4	-47.5	0.0331	0.0462	0.0140	4.11	2.94	9.73	0.00	-0.18	-0.24	0.0
1041	-873.8	-1354.8	-4496.8	-416.8	-538.7	-2784.3	0.0331	0.0462	0.0055	8.41	6.02	51.04	0.00	-1.07	-6.49	0.0
1042	-942.8	-1445.2	-4766.4	-429.2	-534.9	-2943.1	0.0331	0.0462	0.0055	8.53	6.11	51.76	0.00	-1.15	-6.85	0.0
1043	-1023.0	-1505.2	-5021.2	-418.8	-536.6	-3059.0	0.0331	0.0462	0.0055	8.22	5.89	49.89	0.00	-1.22	-7.14	0.0
1044	-1126.2	-1526.2	-5277.8	-382.2	-561.9	-3074.1	0.0331	0.0462	0.0055	6.10	4.37	37.02	0.00	-1.25	-7.28	0.0
1045	-1256.5	-1518.7	-5563.6	-265.8	-653.2	-2814.7	0.0331	0.0462	0.0055				-0.07	-1.18	-7.09	
1046	-1514.3	-1530.4	-7474.3	-21.8	-1322.4	-1349.6	0.0331	0.0462	0.0055				-0.99	-1.50	-8.03	
1047	-1293.0	-1608.6	-10117.3	195.1	496.6	366.6	0.0331	0.0462	0.0055				-1.16	-1.70	-10.16	
1048	-4467.6	-1639.3	-6477.6	-398.0	4418.9	657.6	0.0331	0.0462	0.0055				-0.93	-1.59	-10.07	
1049	-2508.8	-885.3	-3105.5	-151.6	788.3	261.6	0.0331	0.0462	0.0057				-0.85	-1.96	-3.68	
1050	-1783.1	-826.3	-3237.7	135.3	823.5	337.5	0.0331	0.0462	0.0057				-0.71	-1.51	-3.63	
1051	-1068.7	-482.8	-1504.1	156.6	1255.3	246.1	0.0331	0.0462	0.0057	3.54	2.54	20.73	0.00	-0.73	-2.68	0.0
1052	-335.5	-189.6	-331.1	177.6	370.0	-6.1	0.0331	0.0462	0.0140	2.80	2.01	6.64	0.00	-0.31	-0.83	0.0
1053	-59.9	-104.8	-155.1	158.3	108.9	-27.6	0.0331	0.0462	0.0140	2.89	2.07	6.86	0.00	-0.21	-0.40	0.0
1054	40.0	-73.6	-92.3	132.1	-23.0	-39.6	0.0331	0.0462	0.0140	4.06	2.91	9.63	0.00	-0.23	-0.30	0.0
1055	56.0	-71.4	-48.2	99.2	-69.4	-48.5	0.0331	0.0462	0.0140	4.43	3.17	10.50	0.00	-0.23	-0.27	0.0
1056	24.0	-81.2	42.4	60.3	-75.4	-50.9	0.0331	0.0462	0.0140	4.15	2.97	9.83	0.00	-0.18	-0.25	0.0
1072	-39.4	51.0	61.8	24.9	11.7	-89.0	0.0051	0.0459	0.0244	28.89	3.18	5.97	0.00	-0.16	-0.21	0.0
1088	-42.1	51.3	62.3	25.0	17.5	-94.6	0.0054	0.0458	0.0244	28.26	3.31	6.21	0.00	-0.16	-0.22	0.0
1104	-64.4	106.5	-126.7	8.1	168.5	-89.3	0.0050	0.0281	0.0244	30.48	5.45	6.26	0.00	-0.11	-0.43	0.0
1120	-65.2	107.8	-129.2	5.5	175.3	-96.8	0.0053	0.0279	0.0244	30.55	5.82	6.65	0.00	-0.12	-0.45	0.0
1136	-77.2	95.3	-436.0	-10.3	295.6	-74.5	0.0050	0.0281	0.0244	28.14	5.00	5.75	0.00	-0.09	-0.75	0.0
1152	-76.8	96.4	-440.2	-14.2	300.9	-82.4	0.0053	0.0279	0.0244	28.53	5.39	6.16	0.00	-0.11	-0.77	0.0
1168	-82.8	56.3	-731.2	-14.6	400.6	-57.3	0.0050	0.0281	0.0244	25.90	4.58	5.27	0.00	-0.09	-1.05	0.0
1184	-81.7	57.9	-735.3	-18.8	403.6	-64.7	0.0052	0.0280	0.0244	26.15	4.90	5.60	0.00	-0.10	-1.07	0.0
1200	-81.8	14.8	-950.5	-17.9	515.7	-46.3	0.0049	0.0281	0.0244	33.69	5.93	6.82	0.00	-0.16	-1.36	0.0
1216	-80.2	17.2	-954.2	-22.2	516.5	-53.5	0.0052	0.0280	0.0244	32.95	6.12	7.01	0.00	-0.16	-1.37	0.0
1232	-87.3	-23.2	-1079.5	52.9	686.6	64.7	0.0049	0.0192	0.0244	57.48	14.74	11.58	0.00	-0.32	-1.71	0.0
1248	-85.1	-20.3	-1083.5	65.6	683.9	78.5	0.0052	0.0191	0.0244	56.33	15.26	11.90	0.00	-0.34	-1.72	0.0
1264	4.3	-40.7	-1096.3	-68.6	1896.8	108.9	0.0162	0.0260	0.0244	88.16	54.89	58.48	0.00	-1.46	-3.96	0.0
1280	6.9	-43.3	-1099.1	-66.1	1881.1	124.1	0.0164	0.0259	0.0244	86.06	54.59	57.90	0.00	-1.45	-3.93	0.0
1281	20.8	4.8	28.7	-33.7	49.9	-48.0	0.0331	0.0462	0.0022	3.26	2.33	48.27	0.00	-0.13	-0.14	0.0
1282	48.5	13.1	-29.9	-62.9	53.7	-41.6	0.0331	0.0462	0.0022	3.80	2.72	56.28	0.00	-0.16	-0.19	0.0
1283	49.3	18.8	-62.5	-87.4	27.8	-35.2	0.0331	0.0462	0.0022	4.01	2.87	59.37	0.00	-0.18	-0.21	0.0
1284	-4.9	8.8	-115.6	-107.9	-61.6	-28.3	0.0331	0.0462	0.0022	3.39	2.43	50.29	0.00	-0.16	-0.29	0.0
1285	-174.3	-40.8	-259.3	-121.4	-242.0	24.4	0.0331	0.0462	0.0022	3.33	2.39	49.39	0.00	-0.22	-0.58	0.0
1286	-690.1	-279.2	-1350.3	-130.8	-997.5	-38.0	0.0331	0.0462	0.0057	1.57	1.13	9.20	0.00	-0.35	-2.13	0.0
1287	-983.1	-536.2	-2888.9	-169.8	-290.9	-228.0	0.0331	0.0462	0.0057				-0.47	-0.98	-2.96	
1288	-882.8	-411.9	-2181.7	-199.8	534.0	-184.8	0.0331	0.0462	0.0057				-0.26	-0.84	-2.38	
1289	-1109.8	-381.2	-1674.3	-234.5	-853.9	264.5	0.0331	0.0462	0.0057				-0.09	-0.78	-2.29	
1290	-427.9	-465.2	-2814.1	-138.7	-775.3	332.4	0.0331	0.0462	0.0055				-0.06	-0.57	-3.07	
1291	-329.7	-405.5	-2385.4	-129.6	581.6	-309.9	0.0331	0.0462	0.0055				-0.05	-0.50	-2.57	
1292	-164.8	-237.1	-1166.6	-157.1	-106.9	-684.2	0.0331	0.0462	0.0055	4.58	3.28	27.79	0.00	-0.32	-1.70	0.0
1293	-131.4	-298.3	-1204.4	-175.2	-226.8	-952.5	0.0331	0.0462	0.0055	9.22	6.60	55.97	0.00	-0.39	-2.16	0.0
1294	-152.0	-373.5	-1310.1	-195.5	-259.5	-1111.0	0.0331	0.0462	0.0055	11.02	7.89	66.86	0.00	-0.46	-2.47	0.0
1295	-193.8	-446.6	-1429.2	-216.5	-267.9	-1231.3	0.0331	0.0462	0.0055	11.77	8.42	71.39	0.00	-0.53	-2.71	0.0
1296	-242.0	-515.7	-1543.7	-238.7	-268.6	-1332.5	0.0331	0.0462	0.0055	12.14	8.69	73.68	0.00	-0.59	-2.92	0.0
1297	20.3	2.6	29.1	-33.4	50.6	-47.2	0.0331	0.0462	0.0022	3.24	2.32	47.94	0.00	-0.13	-0.14	0.0
1298	46.5	11.2	-30.1	-62.1	53.4	-43.1	0.0331	0.0462	0.0022	3.75	2.68	55.49	0.00	-0.16	-0.18	0.0
1299	45.2	17.6	-64.3	-85.9	26.5	-37.7	0.0331	0.0462	0.0022	3.89	2.78	57.62	0.00	-0.18	-0.21	0.0
1300	-12.3	8.5	-118.5	-106.8	-63.1	-25.6	0.0331	0.0462	0.0022	3.27	2.34	48.38	0.00	-0.16	-0.29	0.0
1301	-186.9	-39.2	-275.7	-123.7	-253.9	22.0	0.0331	0.0462	0.0022	3.31	2.37	49.06	0.00	-0.22	-0.61	0.0
1302	-697.4	-274.8	-1370.8	-117.0	-989.1	241.5	0.0331	0.0462	0.0057	4.39	3.15	25.70	0.00	-0.55	-2.23	0.0
1303	-975.0	-522.4	-2883.0	-146.4	-276.9	292.2	0.0331	0.0462	0.0057				-0.43	-1.00	-2.95	
1304	-861.1	-386.6	-2167.1	-192.1	558.7	133.6	0.0331	0.0462	0.0057				-0.32	-0.71	-2.39	
1305	-1060.6	-335.4	-1583.0	-232.3	-787.2	263.4	0.0331	0.0462	0.0057				-0.06	-0.76	-2.15	
1306	-469.7	-394.6	-2564.8	-141.8	-787.4	321.7	0.0331	0.0462	0.0055				-0.04	-0.54	-2.86	
1307	-465.1	-489.6	-2790.4	-205.5	-221.4	-678.0	0.0331	0.0462	0.0055				-0.22	-0.52	-3.00	
1308	-501.8	-609.1	-2736.2	-270.9	-463.9	-1523.0	0.0331	0.0462	0.0055	5.62	4.02	34.10	0.00	-0.60	-3.81	0.0
1309	-563.9	-794.4	-3164.6	-306.0	-508.3	-1910.1	0.0331	0.0462	0.0055	8.13	5.82	49.31	0.00	-0.74	-4.59	0.0
1310	-635.2	-963.1	-3545.4	-335.1	-529.6	-2183.0	0.0331	0.0462	0.0055	8.55	6.12	51.88	0.00	-0.83	-5.17	0.0
1311	-716.6	-1108.5	-3891.1	-359.9	-538.3	-2406.8	0.0331	0.0462	0.0055	8.53	6.11	51.74	0.00	-0.91	-5.65	0.0
1312	-799.5	-1237.9	-4206.8	-388.4	-539.9	-2604.5	0.0331	0.0462	0.0055	8.45	6.05	51.27	0.00	-1.00	-6.09	0.0
1313	-14.9	52.2	53.7	-25.5	16.7	-105.2	0.0051	0.0459	0.0127	32.29	3.55	12.84	0.00	-0.18	-0.22	0.0
1329	-15.2	51.7	53.9	-24.4	15.6	-104.3	0.0054	0.0458	0.0127	30.11	3.53	12.72	0.00	-0.18	-0.21	0.0
1345	-28.0	66.7	-41.8	-23.2	-96.5	-127.7	0.0050	0.0281	0.0127	31.57	5.65	12.48	0.00	-0.14	-0.34	0.0
1361	-27.6	66.6	-43.4	-21.5	-102.4	-128.5	0.0053	0.0279	0.0127	30.25	5.76	12.66	0.00	-0.14	-0.35	0.0
1377	-36.5	56.2	-216.9	-22.3	-161.1	-132.4	0.0050	0.0281	0.0127	25.18	4.48	9.90	0.00	-0.10	-0.48	0.0
1393	-35.7	56.4	-218.9	21.4	-166.4	-134.0	0.0053	0.0279	0.0127	29.94	5.65	12.43	0.00	-0.17	-0.50	0.0
1409	-42.6	36.5	-398.4	23.4	-208.4	-127.4	0.0050	0.0281	0.0127	25.88	4.58	10.12	0.00	-0.15	-0.64	0.0
1425	-41.6	37.0	-399.5	24.1	-212.4	-128.6	0.0052	0.0280	0.0127	25.24	4.73	10.40	0.00	-0.15	-0.65	0.0
1441	-46.8	16.7	-553.7	25.5	-244.4	-118.9	0.0049	0.0281	0.0127	22.22	3.91	8.65	0.00	-0.14	-0.78	0.0
1457	-45.7	17.5	-553.0	25.7	-247.0	-119.0	0.0052	0.0280	0.0127	21.61	4.02	8.84	0.00	-0.14	-0.78	0.0
1473	-49.8	0.6	-675.1	27.2	-273.0	-110.3	0.0049	0.0192	0.0127	20.14	5.17	7.80	0.00	-0.13	-0.89	0.0
1489	-48.6	1.5	-672.7	27.2	-274.3	-109.0	0.0052	0.0191	0.0127	19.47	5.28	7.91	0.00	-0.13	-0.89	0.0
1505	-52.5	-11.1	-766.3	28.6	-297.7	124.1	0.0049	0.0192	0.0127	12.20	3.12	4.71	0.00	-0.06	-0.95	0.0
1521	-51.1	-10.1	-762.4	28.5	-297.8	125.5	0.0051	0.0191	0.0127	12.06	3.24	4.87	0.00	-0.06	-0.95	0.0
1537	-985.3	-437.4	-5854.7	-75.9	-735.2	89.8	0.0331	0.0462	0.0055				-0.42	-0.89	-5.96	
1538	-1016.9	-530.3	-6143.9	-84.8	-732.5	55.5	0.0331	0.0462	0.0055				-0.51	-0.94	-6.25	
1539	-1068.4	-620.3	-6462.5	-21.2	-679.0	52.0	0.0331	0.0462	0.0055				-0.62	-0.99	-6.55	
1540	-1185.2	-671.9	-6881.7	64.2	-627.2	101.3	0.0331	0.0462	0.0055				-0.66	-1.12	-6.95	
1541	-1270.5	-775.7	-7354.8	86.0	-601.2	182.5	0.0331	0.0462	0.0055				-0.76	-1.22	-7.42	
1542	-1222.6	-1053.2	-8011.6	117.6	-444.9	277.5	0.0331	0.0462	0.0055				-0.99	-1.24	-8.05	
1543	-1310.2	-1505.1	-9823.3	131.7	533.4	425.6	0.0331	0.0462	0.0055				-1.19	-1.57	-9.88	
1544	-4369.6	-1592.3	-6398.1	-501.9	4368.9	811.0	0.0331	0.0462	0.0055				-0.88	-1.51	-9.98	
1545	-2421.9	-808.2	-2797.5	-208.3	969.4	316.2	0.0331	0.0462	0.0057				-0.76	-1.62	-3.65	
1546	-1668.5	-697.9	-2680.5	96.8	793.3	344.8	0.0331	0.0462	0.0057				-0.58	-1.33	-3.14	
1547	-1016.7	-402.6	-1301.4	139.3	1063.4	293.9	0.0331	0.0462	0.0057	2.88	2.06	16.84	0.00	-0.67	-2.34	0.0
1548	-369.5	-162.0	-348.5	184.2	371.4	61.5	0.0331	0.0462	0.0140	3.66	2.62	8.68	0.00	-0.38	-0.87	0.0
1549	-87.2	-93.1	-161.8	177.0	116.6	-19.6	0.0331	0.0462	0.0140	3.22	2.31	7.63	0.00	-0.23	-0.43	0.0
1550	21.6	-70.3	-95.1	149.1	-19.6	-43.8	0.0331	0.0462	0.0140	4.21	3.01	9.97	0.00	-0.24	-0.33	0.0
1551	43.5	-71.9	-48.0	112.9	-67.6	-55.6	0.0331	0.0462	0.0140	4.55	3.26	10.78	0.00	-0.23	-0.29	0.0
1552	17.2	-82.7	44.7	71.1	-74.0	-55.3	0.0331	0.0462	0.0140	4.26	3.05	10.11	0.00	-0.18	-0.26	0.0
1553	-707.2	-708.1	-3318.1	135.1	-711.6	1438.6	0.0331	0.0462	0.0055				-0.02	-0.61	-4.10	
1554	-1046.9	-787.4	-4573.5	83.1	-1385.9	801.6	0.0331	0.0462	0.0055				-0.42	-0.79	-5.19	
1555	-797.1	-786.0	-5710.2	26.9	-625.7	342.0	0.0331	0.0462	0.0055				-0.71	-0.77	-5.81	
1556	-912.4	-834.6	-5063.1	53.7	414.6	1026.3	0.0331	0.0462	0.0055				-0.54	-0.94	-5.33	
1557	-850.0	-856.9	-4436.8	64.2	-364.1	1702.7	0.0331	0.0462	0.0055				-0.17	-0.83	-5.15	

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
1558	-1144.7	-1143.1	-6703.4	50.4	-1265.7	1037.6	0.0331	0.0462	0.0055				-0.74	-1.09	-7.15	
1559	-1282.5	-1435.8	-9810.0	92.7	600.1	575.3	0.0331	0.0462	0.0055				-1.17	-1.47	-9.89	
1560	-4213.9	-1507.2	-6275.5	-706.9	4395.4	1103.7	0.0331	0.0462	0.0055				-0.70	-1.33	-9.96	
1561	-2295.3	-724.0	-2570.4	-284.6	966.6	342.6	0.0331	0.0462	0.0057				-0.65	-1.46	-3.48	
1562	-1575.4	-601.0	-2398.4	-93.5	771.0	191.1	0.0331	0.0462	0.0057				-0.58	-1.11	-2.88	
1563	-972.7	-343.0	-1177.4	107.2	951.9	230.0	0.0331	0.0462	0.0057	0.91	0.65	5.35	0.00	-0.52	-2.07	0.0
1564	-393.1	-135.9	-349.4	172.1	348.5	77.2	0.0331	0.0462	0.0140	3.21	2.30	7.62	0.00	-0.36	-0.84	0.0
1565	-123.6	-78.7	-169.9	184.9	119.0	-11.7	0.0331	0.0462	0.0140	3.17	2.27	7.50	0.00	-0.24	-0.45	0.0
1566	-8.3	-65.4	-99.4	164.7	-15.9	-47.4	0.0331	0.0462	0.0140	4.17	2.99	9.89	0.00	-0.24	-0.35	0.0
1567	22.2	-73.0	-48.3	128.6	-65.1	-63.5	0.0331	0.0462	0.0140	4.59	3.29	10.89	0.00	-0.24	-0.32	0.0
1568	4.9	-88.1	47.5	84.9	-72.6	-60.8	0.0331	0.0462	0.0140	4.39	3.14	10.41	0.00	-0.19	-0.29	0.0
1569	-383.0	-138.8	-1220.6	2.5	-756.0	215.6	0.0331	0.0462	0.0055	3.39	2.43	20.58	0.00	-0.28	-1.80	0.0
1570	-1111.7	-614.0	-3652.9	93.9	-2141.9	162.3	0.0331	0.0462	0.0055	3.27	2.34	19.83	0.00	-0.71	-4.99	0.0
1571	-657.7	-898.8	-5683.1	7.1	-619.8	280.3	0.0331	0.0462	0.0055				-0.58	-0.89	-5.77	
1572	-731.3	-646.6	-3876.8	-116.0	1172.3	261.9	0.0331	0.0462	0.0055				-0.34	-0.63	-4.29	
1573	-685.7	-564.6	-3510.0	-35.2	-1036.1	-841.8	0.0331	0.0462	0.0055				-0.14	-0.58	-4.04	
1574	-1073.6	-1108.3	-6900.1	191.2	-1167.1	-697.2	0.0331	0.0462	0.0055				-0.61	-1.28	-7.19	
1575	-2282.0	-1703.2	-7572.4	-548.9	1825.8	2017.4	0.0331	0.0462	0.0055				-1.08	-1.72	-8.76	
1576	-2982.6	-1454.5	-4624.4	-987.6	2341.9	1910.1	0.0331	0.0462	0.0057				-0.55	-1.42	-7.09	
1577	-2052.5	-785.9	-2856.7	-388.3	898.7	237.1	0.0331	0.0462	0.0057				-0.68	-1.52	-3.50	
1578	-1480.0	-609.6	-2441.5	-138.9	741.8	208.4	0.0331	0.0462	0.0057				-0.58	-1.08	-2.87	
1579	-946.4	-342.0	-1198.7	68.1	950.1	258.2	0.0331	0.0462	0.0057	0.72	0.52	4.21	0.00	-0.49	-2.07	0.0
1580	-401.5	-129.5	-362.8	154.6	342.8	76.2	0.0331	0.0462	0.0057	2.58	1.85	15.07	0.00	-0.33	-0.82	0.0
1581	-151.1	-71.1	-178.4	182.8	117.4	-13.0	0.0331	0.0462	0.0140	2.79	2.00	6.62	0.00	-0.23	-0.45	0.0
1582	-38.6	-60.4	-103.9	172.3	-14.1	-52.0	0.0331	0.0462	0.0140	3.99	2.86	9.47	0.00	-0.24	-0.36	0.0
1583	-2.3	-72.0	-47.9	140.5	-62.7	-70.4	0.0331	0.0462	0.0140	4.56	3.27	10.81	0.00	-0.24	-0.34	0.0
1584	-10.5	-91.4	50.9	97.4	-72.2	-66.0	0.0331	0.0462	0.0140	4.52	3.24	10.72	0.00	-0.19	-0.31	0.0
1585	-419.8	-65.1	-1212.2	-4.8	-849.8	-26.3	0.0331	0.0462	0.0055	3.69	2.64	22.41	0.00	-0.19	-1.88	0.0
1586	-1097.6	-592.4	-3638.7	51.4	-2236.4	34.8	0.0331	0.0462	0.0055	6.19	4.43	37.55	0.00	-0.80	-5.15	0.0
1587	-651.6	-870.7	-5538.3	7.2	-665.4	184.3	0.0331	0.0462	0.0055				-0.56	-0.86	-5.63	
1588	-735.9	-638.4	-4023.1	-71.6	922.9	162.6	0.0331	0.0462	0.0055				-0.49	-0.64	-4.27	
1589	-930.2	-748.5	-5199.5	48.8	-1721.8	-295.4	0.0331	0.0462	0.0055				-0.28	-0.78	-5.82	
1590	-1056.1	-1176.7	-8070.3	149.4	204.1	386.7	0.0331	0.0462	0.0055				-0.93	-1.27	-8.10	
1591	-3135.7	-1336.9	-5328.3	-597.4	3067.1	824.6	0.0331	0.0462	0.0055				-0.97	-1.17	-7.65	
1592	-1875.5	-818.7	-3149.5	-292.1	338.2	148.9	0.0331	0.0462	0.0057				-0.74	-1.85	-3.25	
1593	-1790.6	-864.8	-3316.6	-268.3	764.7	281.7	0.0331	0.0462	0.0057				-0.79	-1.50	-3.68	
1594	-1389.4	-654.1	-2685.4	-124.9	723.8	152.1	0.0331	0.0462	0.0057				-0.63	-1.07	-3.02	
1595	-916.3	-372.4	-1303.5	46.3	1000.8	296.2	0.0331	0.0462	0.0057	1.14	0.82	6.67	0.00	-0.52	-2.19	0.0
1596	-402.4	-136.4	-387.4	148.2	342.6	99.7	0.0331	0.0462	0.0057	2.60	1.86	15.23	0.00	-0.36	-0.83	0.0
1597	-173.6	-69.6	-190.6	182.7	118.3	-13.4	0.0331	0.0462	0.0140	2.51	1.80	5.96	0.00	-0.23	-0.46	0.0
1598	-67.2	-58.2	-109.3	177.4	-12.4	-58.0	0.0331	0.0462	0.0140	3.80	2.72	9.00	0.00	-0.24	-0.37	0.0
1599	-28.0	-71.4	-47.1	149.7	-60.3	-77.6	0.0331	0.0462	0.0140	4.51	3.23	10.68	0.00	-0.24	-0.35	0.0
1600	-27.8	-92.3	55.8	108.9	-71.6	-70.2	0.0331	0.0462	0.0140	4.66	3.34	11.05	0.00	-0.20	-0.33	0.0
1616	-45.4	53.0	63.7	25.3	27.3	-101.9	0.0059	0.0455	0.0244	27.00	3.53	6.57	0.00	-0.17	-0.24	0.0
1632	-49.8	53.3	65.4	24.2	41.9	-110.3	0.0069	0.0450	0.0244	24.73	3.79	6.98	0.00	-0.18	-0.27	0.0
1648	-54.3	52.8	66.5	22.4	58.6	-116.6	0.0081	0.0444	0.0244	22.33	4.05	7.36	0.00	-0.18	-0.29	0.0
1664	-58.3	52.0	67.6	20.4	77.8	-121.2	0.0094	0.0438	0.0244	20.18	4.32	7.74	0.00	-0.19	-0.32	0.0
1680	-65.5	111.1	-134.8	-9.4	187.0	-106.1	0.0059	0.0276	0.0244	31.27	6.64	7.51	0.00	-0.15	-0.49	0.0
1696	-65.3	112.4	-145.4	-16.5	204.6	-115.3	0.0068	0.0272	0.0244	29.60	7.37	8.20	0.00	-0.17	-0.53	0.0
1712	-63.9	112.6	-160.4	-24.7	225.0	-121.4	0.0079	0.0266	0.0244	27.52	8.12	8.86	0.00	-0.19	-0.57	0.0
1728	-61.2	111.7	-180.4	-33.4	247.8	-124.5	0.0091	0.0260	0.0244	25.35	8.89	9.46	0.00	-0.20	-0.62	0.0
1744	-75.6	99.2	-450.5	-20.5	310.2	-92.1	0.0058	0.0277	0.0244	28.58	5.98	6.78	0.00	-0.13	-0.80	0.0
1760	-73.3	100.8	-469.6	-29.6	324.6	-100.9	0.0067	0.0273	0.0244	27.54	6.72	7.50	0.00	-0.15	-0.84	0.0
1776	-69.8	101.6	-495.6	-39.6	341.5	-105.5	0.0077	0.0267	0.0244	25.96	7.47	8.17	0.00	-0.17	-0.89	0.0
1792	-64.9	101.3	-528.9	-50.3	359.6	-106.0	0.0089	0.0261	0.0244	24.12	8.20	8.77	0.00	-0.19	-0.95	0.0
1808	-79.6	60.8	-746.2	-25.3	409.1	-73.3	0.0057	0.0277	0.0244	26.05	5.38	6.10	0.00	-0.12	-1.09	0.0
1824	-76.3	63.7	-766.5	-34.3	417.5	-79.9	0.0065	0.0273	0.0244	25.04	6.00	6.70	0.00	-0.14	-1.13	0.0
1840	-71.7	65.7	-793.8	-43.8	427.6	-81.4	0.0075	0.0268	0.0244	23.53	6.61	7.25	0.00	-0.16	-1.17	0.0
1856	-65.9	66.3	-827.6	-53.8	437.8	-78.0	0.0087	0.0262	0.0244	21.75	7.18	7.71	0.00	-0.18	-1.22	0.0
1872	-77.5	21.4	-964.9	-28.9	517.8	-61.4	0.0057	0.0277	0.0244	31.44	6.42	7.29	0.00	-0.17	-1.38	0.0
1888	-73.3	27.1	-984.4	-37.7	519.0	-66.0	0.0064	0.0274	0.0244	28.87	6.79	7.60	0.00	-0.18	-1.41	0.0
1904	-68.3	32.0	-1008.9	-46.6	518.9	78.5	0.0074	0.0269	0.0244	22.06	6.05	6.66	0.00	-0.13	-1.41	0.0
1920	-62.6	34.0	-1036.4	-55.4	517.6	93.0	0.0085	0.0264	0.0244	19.23	6.17	6.66	0.00	-0.12	-1.43	0.0
1936	-81.9	-15.4	-1095.6	84.5	678.8	98.8	0.0056	0.0188	0.0244	54.14	16.11	12.42	0.00	-0.36	-1.74	0.0
1952	-76.7	-5.8	-1118.9	107.5	668.7	122.4	0.0063	0.0185	0.0244	50.44	17.32	13.09	0.00	-0.39	-1.77	0.0
1968	-69.3	7.8	-1147.7	129.6	651.1	139.7	0.0072	0.0180	0.0244	46.10	18.50	13.65	0.00	-0.42	-1.79	0.0
1984	-60.7	21.7	-1172.4	150.7	618.4	149.0	0.0083	0.0175	0.0244	41.10	19.41	13.91	0.00	-0.44	-1.79	0.0
2000	12.3	-52.0	-1107.4	-70.9	1835.7	153.2	0.0169	0.0257	0.0244	81.39	53.38	56.16	0.00	-1.41	-3.85	0.0
2016	16.8	-63.3	-1136.4	-90.6	1774.4	201.3	0.0176	0.0254	0.0244	74.44	51.55	53.50	0.00	-1.35	-3.75	0.0
2032	13.1	-59.9	-1193.4	-116.9	1730.7	248.0	0.0184	0.0249	0.0244	67.59	49.91	50.93	0.00	-1.28	-3.70	0.0
2048	3.0	-31.7	-1255.5	-132.7	1676.3	268.2	0.0194	0.0244	0.0244	60.10	47.70	47.71	0.00	-1.16	-3.62	0.0
2049	20.4	1.1	30.2	-34.0	52.1	-45.8	0.0331	0.0462	0.0022	3.26	2.33	48.27	0.00	-0.13	-0.14	0.0
2050	44.3	8.7	-30.8	-61.4	52.8	-45.0	0.0331	0.0462	0.0022	3.68	2.64	54.55	0.00	-0.16	-0.18	0.0
2051	38.7	14.8	-68.4	-83.1	22.1	-39.5	0.0331	0.0462	0.0022	3.64	2.61	53.90	0.00	-0.17	-0.21	0.0
2052	-28.8	10.4	-132.6	-100.1	-80.3	-34.2	0.0331	0.0462	0.0022	2.90	2.07	42.92	0.00	-0.14	-0.30	0.0
2053	-206.6	-22.1	-273.6	-114.1	-240.2	51.5	0.0331	0.0462	0.0022	3.37	2.42	49.99	0.00	-0.24	-0.60	0.0
2054	-640.0	-211.1	-1152.6	-96.1	-833.8	246.0	0.0331	0.0462	0.0057	3.87	2.77	22.62	0.00	-0.48	-1.91	0.0
2055	-862.4	-403.7	-2369.8	-116.0	-219.3	225.7	0.0331	0.0462	0.0057				-0.34	-0.87	-2.42	
2056	-792.6	-292.2	-1832.9	-164.7	416.1	123.8	0.0331	0.0462	0.0057				-0.24	-0.68	-2.00	
2057	-986.4	-272.1	-1467.8	-217.9	-726.2	269.7	0.0331	0.0462	0.0057				-0.02	-0.71	-2.00	
2058	-487.0	-327.2	-2275.7	-90.6	-797.5	323.9	0.0331	0.0462	0.0055				-0.03	-0.45	-2.61	
2059	-515.6	-326.7	-2907.1	-96.9	-713.4	276.1	0.0331	0.0462	0.0055				-0.15	-0.48	-3.12	
2060	-607.4	-305.8	-3516.9	-98.4	-708.2	222.4	0.0331	0.0462	0.0055				-0.21	-0.53	-3.69	
2061	-662.1	-335.8	-4034.2	-100.3	-723.5	166.4	0.0331	0.0462	0.0055				-0.26	-0.58	-4.19	
2062	-708.9	-380.3	-4509.6	-66.9	-710.3	124.6	0.0331	0.0462	0.0055				-0.34	-0.61	-4.64	
2063	-801.6	-387.2	-5006.8	-27.7	-691.7	111.7	0.0331	0.0462	0.0055				-0.38	-0.70	-5.12	
2064	-912.2	-390.4	-5481.3	-45.7	-708.5	111.2	0.0331	0.0462	0.0055				-0.38	-0.81	-5.59	
2065	20.5	-3.3	31.4	-35.3	55.0	-43.7	0.0331	0.0462	0.0022	3.30	2.36	48.90	0.00	-0.14	-0.14	0.0
2066	41.4	2.9	-32.5	-60.8	52.4	-46.7	0.0331	0.0462	0.0022	3.57	2.56	52.96	0.00	-0.16	-0.18	0.0
2067	31.2	6.7	-76.7	-78.6	17.3	-39.8	0.0331	0.0462	0.0022	3.23	2.31	47.84	0.00	-0.16	-0.20	0.0
2068	-47.0	-7.6	-155.1	-84.6	-104.2	-28.5	0.0331	0.0462	0.0022	2.12	1.52	31.37	0.00	-0.11	-0.31	0.0
2069	-321.7	-89.8	-610.5	-81.9	-484.4	-155.5	0.0331	0.0462	0.0022	1.40	1.00	20.74	0.00	-0.11	-1.05	0.0
2070	-636.6	-243.9	-1560.4	-63.1	-489.7	-159.3	0.0331	0.0462	0.0057				-0.22	-0.43	-1.79	
2071	-791.7	-316.0	-2111.6	84.5	-154.1	36.2	0.0331	0.0462	0.0057				-0.30	-0.79	-2.13	
2072	-723.6	-187.3	-1651.4	99.6	361.7	-89.1	0.0331	0.0462	0.0057				-0.17	-0.61	-1.78	
2073	-892.2	-174.6	-1324.6	-189.1	-640.8	231.3	0.0331	0.0462	0.0057	0.45	0.32	2.65	0.00	-0.63	-1.80	0.0
2074	-440.5	-297.8	-2005.2	37.3	-807.5	310.9	0.0331	0.0462	0.0055				-0.06	-0.29	-2.39	
2075	-305.9	-304.3	-2109.5	62.2	-330.6	543.1	0.0331	0.0462	0.0055				-0.15	-0.26	-2.32	
2076	-411.6	-315.5	-2009.1	107.4	-615.8	857.6	0.0331	0.0462	0.0055	2.92	2.09	17.69	0.00	-0.39	-2.64	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
2077	-667.3	-443.0	-2914.2	52.7	-1061.1	609.5	0.0331	0.0462	0.0055				-0.11	-0.46	-3.45	
2078	-511.8	-497.2	-3883.6	16.9	-698.6	316.8	0.0331	0.0462	0.0055				-0.36	-0.49	-4.05	
2079	-521.6	-553.7	-3586.5	73.8	175.0	788.3	0.0331	0.0462	0.0055				-0.30	-0.57	-3.79	
2080	-550.6	-624.0	-3059.8	136.7	-432.7	1416.5	0.0331	0.0462	0.0055	0.97	0.70	5.90	0.00	-0.53	-3.81	0.0
2081	20.9	-7.2	32.9	-37.6	59.1	-42.1	0.0331	0.0462	0.0022	3.41	2.44	50.51	0.00	-0.15	-0.15	0.0
2082	38.1	-2.7	-34.7	-61.2	52.0	-48.0	0.0331	0.0462	0.0022	3.48	2.49	51.60	0.00	-0.16	-0.19	0.0
2083	22.6	-0.6	-85.3	-76.4	-13.4	-37.8	0.0331	0.0462	0.0022	2.71	1.94	40.08	0.00	-0.13	-0.20	0.0
2084	-64.0	-14.6	-185.2	-77.8	-127.0	25.2	0.0331	0.0462	0.0022	2.48	1.77	36.67	0.00	-0.16	-0.35	0.0
2085	-316.4	-114.4	-660.3	53.9	-471.8	365.5	0.0331	0.0462	0.0057	4.93	3.53	28.85	0.00	-0.31	-1.27	0.0
2086	-610.7	-259.2	-1579.9	97.2	-475.6	375.7	0.0331	0.0462	0.0057				-0.16	-0.43	-1.87	
2087	-765.8	-316.5	-2148.0	104.8	-180.0	33.1	0.0331	0.0462	0.0057				-0.29	-0.76	-2.17	
2088	-649.7	-194.2	-1684.0	114.7	446.4	-180.3	0.0331	0.0462	0.0057				-0.16	-0.49	-1.88	
2089	-658.5	39.0	-1043.2	182.7	-335.7	180.5	0.0331	0.0462	0.0057	2.82	2.02	16.49	0.00	-0.56	-1.38	0.0
2090	-547.5	-112.8	-1630.8	108.2	-734.4	278.5	0.0331	0.0462	0.0055				-0.06	-0.18	-2.05	
2091	-266.7	-289.9	-1891.5	-91.5	-321.7	-388.9	0.0331	0.0462	0.0055				-0.19	-0.22	-2.04	
2092	-222.2	-173.5	-1386.1	-58.9	-273.2	-337.7	0.0331	0.0462	0.0055				-0.08	-0.16	-1.53	
2093	-659.1	-368.2	-2248.1	61.7	-1361.9	231.8	0.0331	0.0462	0.0055	3.96	2.84	24.03	0.00	-0.49	-3.18	0.0
2094	-389.5	-579.0	-3810.9	15.8	-682.9	257.5	0.0331	0.0462	0.0055				-0.25	-0.56	-3.96	
2095	-249.4	-379.5	-2706.3	-73.7	994.2	183.0	0.0331	0.0462	0.0055	3.10	2.22	18.82	0.00	-0.47	-3.18	0.0
2096	-131.1	-100.1	-1040.6	-12.4	-121.9	235.0	0.0331	0.0462	0.0055				-0.03	-0.13	-1.11	
2097	21.1	-9.8	34.8	-40.9	63.6	-40.2	0.0331	0.0462	0.0022	3.56	2.55	52.67	0.00	-0.15	-0.16	0.0
2098	34.6	-7.4	-36.8	-61.6	51.8	-47.4	0.0331	0.0462	0.0022	3.37	2.41	49.91	0.00	-0.16	-0.18	0.0
2099	16.4	-6.1	-92.6	-69.7	-18.4	-30.0	0.0331	0.0462	0.0022	2.30	1.64	34.02	0.00	-0.12	-0.19	0.0
2100	-57.4	-20.9	-191.4	-52.7	-112.1	56.0	0.0331	0.0462	0.0022	2.06	1.47	30.45	0.00	-0.15	-0.33	0.0
2101	-198.4	-73.2	-370.8	57.4	-242.2	65.8	0.0331	0.0462	0.0022				-0.03	-0.06	-0.56	
2102	-588.2	-261.5	-1225.7	124.5	-856.7	152.0	0.0331	0.0462	0.0057	0.24	0.17	1.42	0.00	-0.25	-1.85	0.0
2103	-802.9	-448.4	-2534.5	110.3	-308.9	-237.8	0.0331	0.0462	0.0057				-0.37	-0.81	-2.61	
2104	-760.8	-365.5	-2468.1	73.0	251.1	-691.2	0.0331	0.0462	0.0057				-0.16	-0.73	-2.71	
2105	-569.8	-156.2	-1658.3	-101.5	406.5	-692.1	0.0331	0.0462	0.0057	5.94	4.26	34.76	0.00	-0.77	-2.21	0.0
2106	-640.6	-143.1	-1387.5	-142.8	-485.4	-227.4	0.0331	0.0462	0.0057				-0.09	-0.40	-1.67	
2107	-426.0	-276.1	-2013.2	22.9	-739.1	155.7	0.0331	0.0462	0.0055				-0.13	-0.27	-2.32	
2108	-242.5	-251.0	-1873.4	17.5	-144.6	-175.6	0.0331	0.0462	0.0055				-0.20	-0.26	-1.90	
2109	-566.8	-374.1	-2218.7	41.9	-1251.0	154.5	0.0331	0.0462	0.0055	3.30	2.36	20.01	0.00	-0.48	-3.01	0.0
2110	-364.5	-565.7	-3664.2	-9.3	-667.7	171.8	0.0331	0.0462	0.0055				-0.23	-0.56	-3.80	
2111	-229.4	-346.4	-2666.2	-72.5	1099.8	-37.6	0.0331	0.0462	0.0055	6.21	4.45	37.67	0.00	-0.56	-3.29	0.0
2112	-148.0	-12.5	-1008.3	-32.7	91.2	-28.1	0.0331	0.0462	0.0055				0.00	-0.15	-1.02	
2113	-15.2	51.8	54.2	-23.1	-22.9	-102.8	0.0059	0.0455	0.0127	26.22	3.43	12.26	0.00	-0.15	-0.23	0.0
2129	-15.2	51.1	54.0	-21.0	-33.7	-99.8	0.0069	0.0450	0.0127	22.16	3.40	12.03	0.00	-0.14	-0.23	0.0
2145	-14.7	49.6	52.7	-18.5	-45.7	-95.8	0.0081	0.0444	0.0127	18.56	3.37	11.77	0.00	-0.13	-0.23	0.0
2161	-13.5	46.9	50.1	19.2	-58.9	-91.1	0.0094	0.0438	0.0127	16.85	3.61	12.43	0.00	-0.17	-0.22	0.0
2177	-26.7	67.3	-47.8	-19.2	-112.4	-129.3	0.0059	0.0276	0.0127	28.03	5.95	12.94	0.00	-0.14	-0.36	0.0
2193	-25.4	66.5	-57.0	22.3	-127.3	-128.4	0.0068	0.0272	0.0127	27.73	6.91	14.78	0.00	-0.19	-0.39	0.0
2209	-23.9	64.9	-70.9	26.1	-144.6	-126.1	0.0079	0.0266	0.0127	24.42	7.21	15.12	0.00	-0.20	-0.41	0.0
2225	-22.4	62.9	-90.4	29.6	-164.0	-122.7	0.0091	0.0260	0.0127	21.46	7.52	15.40	0.00	-0.20	-0.44	0.0
2241	-34.5	57.2	-225.6	23.3	-175.6	-135.9	0.0058	0.0277	0.0127	28.36	5.94	12.93	0.00	-0.17	-0.52	0.0
2257	-33.0	57.1	-239.7	26.0	-189.8	-136.1	0.0067	0.0273	0.0127	25.65	6.26	13.43	0.00	-0.18	-0.55	0.0
2273	-31.6	56.7	-260.5	29.0	-206.8	-134.5	0.0077	0.0267	0.0127	22.91	6.59	13.87	0.00	-0.18	-0.58	0.0
2289	-30.4	56.2	-289.0	32.2	-225.8	-130.8	0.0089	0.0261	0.0127	20.35	6.92	14.23	0.00	-0.19	-0.62	0.0
2305	-40.2	38.2	-405.3	25.3	-219.9	-130.0	0.0057	0.0277	0.0127	24.04	4.97	10.83	0.00	-0.15	-0.67	0.0
2321	-38.6	39.1	-418.5	27.0	-231.7	-129.4	0.0065	0.0273	0.0127	21.94	5.25	11.29	0.00	-0.16	-0.69	0.0
2337	-37.1	40.0	-439.0	29.2	-246.2	-126.4	0.0075	0.0268	0.0127	19.76	5.55	11.70	0.00	-0.16	-0.72	0.0
2353	-35.7	40.9	-467.0	31.9	-262.3	-120.9	0.0087	0.0262	0.0127	17.67	5.83	12.05	0.00	-0.16	-0.76	0.0
2369	-44.1	19.0	-556.3	26.4	-252.3	-118.8	0.0057	0.0277	0.0127	20.54	4.19	9.16	0.00	-0.14	-0.79	0.0
2385	-42.3	20.7	-565.8	27.4	-261.1	-116.1	0.0064	0.0274	0.0127	18.75	4.41	9.50	0.00	-0.14	-0.81	0.0
2401	-40.5	22.5	-582.1	28.9	-272.1	-111.2	0.0074	0.0269	0.0127	16.91	4.64	9.82	0.00	-0.14	-0.83	0.0
2417	-38.9	24.2	-604.9	30.9	-284.5	-103.6	0.0085	0.0264	0.0127	15.15	4.86	10.09	0.00	-0.14	-0.86	0.0
2433	-46.9	3.3	-672.9	27.5	-277.5	-106.8	0.0056	0.0188	0.0127	18.37	5.47	8.11	0.00	-0.13	-0.89	0.0
2449	-44.8	5.5	-677.9	27.9	-283.2	107.5	0.0063	0.0185	0.0127	10.51	3.61	5.24	0.00	-0.05	-0.87	0.0
2465	-42.7	7.7	-688.6	28.9	-290.7	109.5	0.0072	0.0180	0.0127	9.93	3.99	5.65	0.00	-0.05	-0.89	0.0
2481	-40.9	9.9	-704.7	30.5	-299.3	113.0	0.0083	0.0175	0.0127	9.31	4.39	6.05	0.00	-0.05	-0.91	0.0
2497	-49.2	-8.3	-759.7	28.6	-298.9	128.3	0.0056	0.0189	0.0127	11.73	3.45	5.12	0.00	-0.06	-0.95	0.0
2513	-46.7	-5.8	-760.1	28.8	-301.6	131.5	0.0063	0.0185	0.0127	11.12	3.76	5.47	0.00	-0.06	-0.96	0.0
2529	-44.2	-3.3	-765.2	29.5	-305.6	135.3	0.0071	0.0181	0.0127	10.44	4.10	5.83	0.00	-0.06	-0.97	0.0
2545	-41.8	-0.8	-774.6	30.5	-310.5	140.2	0.0081	0.0176	0.0127	9.72	4.47	6.19	0.00	-0.06	-0.99	0.0
2561	-44.8	-96.9	59.2	117.1	-71.6	-75.3	0.0331	0.0462	0.0140	4.76	3.41	11.28	0.00	-0.21	-0.35	0.0
2562	-60.1	-98.3	61.8	123.9	-73.0	-79.6	0.0331	0.0462	0.0140	4.89	3.50	11.58	0.00	-0.21	-0.37	0.0
2563	-50.9	-74.5	-47.2	156.3	-58.3	-84.2	0.0331	0.0462	0.0140	4.42	3.16	10.47	0.00	-0.24	-0.37	0.0
2564	-70.4	-72.9	-47.5	162.2	-56.5	-89.5	0.0331	0.0462	0.0140	4.41	3.16	10.45	0.00	-0.25	-0.38	0.0
2565	-92.4	-60.0	-115.5	182.5	14.7	-63.4	0.0331	0.0462	0.0140	3.42	2.45	8.11	0.00	-0.22	-0.39	0.0
2566	-113.9	-56.3	-121.0	187.2	17.6	-66.3	0.0331	0.0462	0.0140	3.35	2.40	7.95	0.00	-0.22	-0.40	0.0
2567	-194.6	-71.0	-202.7	187.0	119.8	-11.7	0.0331	0.0462	0.0022	2.37	1.70	35.17	0.00	-0.24	-0.47	0.0
2568	-215.1	-63.4	-213.0	189.7	123.0	14.7	0.0331	0.0462	0.0022	2.68	1.92	39.63	0.00	-0.27	-0.48	0.0
2569	-409.1	-134.4	-416.2	154.5	343.5	117.0	0.0331	0.0462	0.0022	2.82	2.02	41.82	0.00	-0.39	-0.85	0.0
2570	-406.4	-120.8	-412.5	148.7	310.4	163.1	0.0331	0.0462	0.0022	3.35	2.40	49.65	0.00	-0.44	-0.83	0.0
2571	-812.0	-343.7	-1126.4	43.7	802.6	639.4	0.0331	0.0462	0.0057	7.49	5.37	43.83	0.00	-0.84	-2.18	0.0
2572	-715.4	-264.9	-837.3	69.5	593.0	282.5	0.0331	0.0462	0.0057	0.91	0.65	5.30	0.00	-0.48	-1.43	0.0
2573	-1344.3	-645.5	-2555.4	-105.2	1050.5	636.6	0.0331	0.0462	0.0057				-0.37	-0.87	-3.30	
2574	-1338.7	-598.8	-2253.4	-87.7	1427.0	529.0	0.0331	0.0462	0.0057				-0.15	-0.67	-3.38	
2575	-1741.3	-838.1	-3760.9	-145.6	654.7	-82.2	0.0331	0.0462	0.0057				-0.80	-1.58	-3.96	
2576	-1761.8	-933.0	-4122.6	-170.4	675.3	230.6	0.0331	0.0462	0.0057				-0.90	-1.60	-4.32	
2577	-2058.7	-850.7	-3596.3	-332.7	337.2	-111.7	0.0331	0.0462	0.0057				-0.75	-2.09	-3.67	
2578	-2027.2	-985.7	-4173.4	-381.3	453.5	-137.3	0.0331	0.0462	0.0057				-0.84	-2.08	-4.27	
2579	-3079.0	-1303.6	-5603.7	-760.7	3055.6	1051.7	0.0331	0.0462	0.0057				-0.99	-1.09	-7.90	
2580	-2448.1	-1509.9	-4998.6	-957.1	1644.1	1590.8	0.0331	0.0462	0.0057				-0.80	-1.67	-6.49	
2581	-1122.1	-1082.4	-7969.8	127.0	353.0	489.4	0.0331	0.0462	0.0055				-0.92	-1.23	-8.02	
2582	-1741.6	-1460.2	-6624.2	-479.4	1127.9	1869.4	0.0331	0.0462	0.0055				-0.84	-1.50	-7.49	
2583	-978.2	-887.7	-5869.8	115.4	-971.2	-689.5	0.0331	0.0462	0.0055				-0.56	-1.04	-6.14	
2584	-966.0	-860.5	-6463.0	122.0	-353.8	324.4	0.0331	0.0462	0.0055				-0.78	-1.01	-6.51	
2585	-800.9	-772.0	-4880.7	-45.0	250.9	-580.7	0.0331	0.0462	0.0055				-0.65	-0.83	-4.98	
2586	-848.5	-747.3	-5553.3	27.9	-558.3	181.3	0.0331	0.0462	0.0055				-0.74	-0.78	-5.63	
2587	-676.4	-809.5	-5315.2	13.2	-720.8	127.5	0.0331	0.0462	0.0055				-0.57	-0.81	-5.43	
2588	-701.5	-755.7	-5144.0	56.7	-741.8	132.9	0.0331	0.0462	0.0055				-0.57	-0.76	-5.27	
2589	-1058.9	-579.0	-3567.8	-20.0	-2183.9	-115.6	0.0331	0.0462	0.0055	6.26	4.48	38.00	0.00	-0.79	-5.04	0.0
2590	-1013.3	-581.2	-3483.8	-25.4	-2062.7	-170.5	0.0331	0.0462	0.0055	4.86	3.48	29.51	0.00	-0.74	-4.82	0.0
2591	-428.7	-94.2	-1250.0	-12.9	-848.9	-114.5	0.0331	0.0462	0.0055	3.50	2.51	21.24	0.00	-0.22	-1.90	0.0
2592	-415.0	-175.6	-1311.7	-6.6	-785.3	-238.4	0.0331	0.0462	0.0055	2.83	2.03	17.19	0.00	-0.30	-1.89	0.0
2593	-62.1	50.5	67.0	17.9	95.3	-125.1	0.0105	0.0432	0.0244	18.79	4.58	8.10	0.00	-0.19	-0.35	0.0
2594	-64.7	50.0	63.9	16.1	109.3	-127.6	0.0114	0.0427	0.0244	17.82	4.77	8.35	0.00	-0.20	-0.37	0.0
2625	-58.4	109.4	-201.1	-40.6	267.8	-125.5	0.0102	0.0255	0.0244	23.71	9.52	9.92	0.00	-0.22	-0.66	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
2626	-54.9	108.2	-221.9	-46.8	283.0	-125.5	0.0111	0.0250	0.0244	22.60	10.02	10.26	0.00	-0.23	-0.69	0.0
2657	-59.8	99.7	-561.0	-58.8	375.0	-103.3	0.0099	0.0256	0.0244	22.60	8.76	9.19	0.00	-0.20	-0.99	0.0
2658	-54.3	98.7	-589.8	-66.0	385.7	-99.9	0.0108	0.0252	0.0244	21.55	9.20	9.49	0.00	-0.21	-1.03	0.0
2689	-60.1	65.8	-858.8	-61.6	445.5	-72.3	0.0097	0.0257	0.0244	20.27	7.61	8.02	0.00	-0.19	-1.26	0.0
2690	-54.3	64.9	-885.4	-68.0	450.2	-65.7	0.0105	0.0254	0.0244	19.22	7.92	8.22	0.00	-0.19	-1.28	0.0
2721	-57.2	32.8	-1060.7	-61.8	517.5	105.8	0.0094	0.0259	0.0244	17.41	6.33	6.71	0.00	-0.12	-1.45	0.0
2722	-51.0	32.4	-1080.8	-66.7	513.1	116.4	0.0102	0.0255	0.0244	16.09	6.41	6.69	0.00	-0.12	-1.47	0.0
2753	-53.6	27.7	-1185.0	157.6	583.2	152.5	0.0092	0.0171	0.0244	36.20	19.48	13.59	0.00	-0.44	-1.77	0.0
2754	-50.9	22.0	-1193.9	121.2	573.8	164.1	0.0099	0.0167	0.0244	30.33	17.96	12.28	0.00	-0.38	-1.74	0.0
2785	0.8	10.0	-1281.7	151.4	1567.5	251.4	0.0203	0.0240	0.0244	55.13	46.53	45.72	0.00	-1.16	-3.46	0.0
2786	19.5	43.9	-1260.2	382.5	1302.5	208.5	0.0209	0.0168	0.0244	48.88	60.84	41.90	0.00	-1.17	-3.10	0.0
2817	-170.0	-49.2	-1040.9	-27.1	-102.6	-126.5	0.0331	0.0462	0.0055				-0.03	-0.16	-1.07	
2818	-189.8	-144.6	-1112.2	-39.9	-181.7	-268.0	0.0331	0.0462	0.0055				-0.07	-0.16	-1.22	
2819	-223.0	-346.1	-2583.7	-48.4	1050.3	-130.3	0.0331	0.0462	0.0055	5.81	4.16	35.26	0.00	-0.55	-3.18	0.0
2820	-227.0	-369.6	-2492.8	-50.3	927.1	-204.0	0.0331	0.0462	0.0055	3.97	2.84	24.09	0.00	-0.52	-2.97	0.0
2821	-374.3	-528.8	-3461.1	-23.5	-660.8	115.9	0.0331	0.0462	0.0055				-0.23	-0.53	-3.60	
2822	-395.1	-491.9	-3276.2	-46.0	-674.5	91.9	0.0331	0.0462	0.0055				-0.23	-0.51	-3.43	
2823	-491.0	-410.4	-2478.0	-41.6	-972.5	-270.3	0.0331	0.0462	0.0055				-0.08	-0.40	-2.90	
2824	-438.3	-373.0	-2651.4	13.6	-782.8	118.7	0.0331	0.0462	0.0055				-0.19	-0.37	-2.91	
2825	-367.2	-314.6	-2026.2	-59.4	-515.4	-396.0	0.0331	0.0462	0.0055				-0.18	-0.28	-2.25	
2826	-447.5	-276.7	-2139.9	16.0	-790.9	123.2	0.0331	0.0462	0.0055				-0.13	-0.28	-2.46	
2827	-440.7	-228.9	-1689.4	35.9	-756.6	-151.5	0.0331	0.0462	0.0055				-0.03	-0.27	-2.05	
2828	-471.9	-78.6	-1508.6	128.1	-698.9	-152.9	0.0331	0.0462	0.0055	2.62	1.88	15.90	0.00	-0.37	-1.95	0.0
2829	-567.5	-98.9	-1369.1	-135.6	-218.9	-242.6	0.0331	0.0462	0.0057				-0.04	-0.52	-1.48	
2830	-484.5	16.5	-1251.3	77.7	159.0	-202.9	0.0331	0.0462	0.0057	1.62	1.16	9.45	0.00	-0.51	-1.37	0.0
2831	-682.4	-354.4	-2659.8	-51.5	931.2	-599.9	0.0331	0.0462	0.0057				-0.02	-0.55	-3.13	
2832	-662.8	-424.4	-2804.6	-31.5	1087.6	-441.5	0.0331	0.0462	0.0057				-0.07	-0.50	-3.31	
2833	-981.1	-620.6	-3596.7	65.2	43.4	-495.7	0.0331	0.0462	0.0057				-0.53	-0.99	-3.68	
2834	-1031.4	-713.8	-3954.7	75.3	105.2	-122.7	0.0331	0.0462	0.0057				-0.69	-1.04	-3.96	
2835	-929.9	-629.8	-3262.2	87.7	-451.3	-326.2	0.0331	0.0462	0.0057				-0.53	-0.91	-3.38	
2836	-1010.1	-730.7	-3724.0	82.3	-477.9	72.7	0.0331	0.0462	0.0057				-0.71	-0.95	-3.81	
2837	-667.8	-380.5	-1567.5	123.5	-1087.6	205.4	0.0331	0.0462	0.0057	1.80	1.29	10.53	0.00	-0.41	-2.38	0.0
2838	-728.5	-458.8	-1798.8	117.7	-1254.5	445.2	0.0331	0.0462	0.0057	4.26	3.05	24.93	0.00	-0.56	-2.85	0.0
2839	-199.9	-116.2	-412.9	47.1	-332.8	65.7	0.0331	0.0462	0.0022	1.30	0.93	19.24	0.00	-0.15	-0.71	0.0
2840	-219.0	-150.1	-477.1	27.3	-379.5	109.0	0.0331	0.0462	0.0022	1.85	1.33	27.47	0.00	-0.20	-0.83	0.0
2841	-37.1	-41.2	-183.3	-50.7	-94.4	-15.0	0.0331	0.0462	0.0022	0.95	0.68	14.10	0.00	-0.09	-0.27	0.0
2842	-43.8	-59.5	-204.5	-60.0	-123.0	14.0	0.0331	0.0462	0.0022	1.64	1.17	24.22	0.00	-0.14	-0.33	0.0
2843	18.4	-17.1	-98.1	-64.5	-15.5	-31.4	0.0331	0.0462	0.0022	2.05	1.47	30.35	0.00	-0.11	-0.19	0.0
2844	19.3	-29.4	-104.8	-68.4	-17.6	-42.4	0.0331	0.0462	0.0022	2.06	1.48	30.53	0.00	-0.11	-0.21	0.0
2845	32.4	-13.4	-38.7	-61.4	52.9	-47.6	0.0331	0.0462	0.0022	3.29	2.36	48.76	0.00	-0.16	-0.18	0.0
2846	31.7	-19.5	-41.1	-63.1	54.9	-51.0	0.0331	0.0462	0.0022	3.34	2.39	49.47	0.00	-0.17	-0.19	0.0
2847	21.1	-13.1	36.1	-43.7	67.8	-39.4	0.0331	0.0462	0.0022	3.69	2.64	54.67	0.00	-0.16	-0.17	0.0
2848	21.1	-15.8	36.8	-46.5	72.6	-39.5	0.0331	0.0462	0.0022	3.85	2.76	57.10	0.00	-0.16	-0.18	0.0
2879	-13.0	43.2	46.2	20.8	-70.7	-87.8	0.0105	0.0432	0.0127	15.01	3.66	12.44	0.00	-0.17	-0.23	0.0
2880	-13.4	41.0	40.8	21.1	-80.9	-86.3	0.0114	0.0427	0.0127	13.88	3.72	12.51	0.00	-0.17	-0.24	0.0
2911	-21.5	59.8	-110.8	32.2	-181.4	-119.4	0.0102	0.0255	0.0127	19.39	7.78	15.60	0.00	-0.20	-0.47	0.0
2912	-20.9	58.3	-131.4	34.5	-195.6	-117.2	0.0111	0.0250	0.0127	18.09	8.02	15.79	0.00	-0.20	-0.50	0.0
2943	-29.4	54.9	-317.3	35.1	-242.6	-126.0	0.0099	0.0256	0.0127	18.47	7.16	14.44	0.00	-0.19	-0.66	0.0
2944	-28.4	54.5	-343.4	37.9	-255.6	-122.0	0.0108	0.0252	0.0127	17.26	7.37	14.62	0.00	-0.19	-0.69	0.0
2975	-34.6	40.8	-494.1	34.5	-276.2	-114.1	0.0097	0.0257	0.0127	16.10	6.04	12.24	0.00	-0.16	-0.79	0.0
2976	-33.3	41.1	-518.1	36.9	-286.7	-108.3	0.0105	0.0254	0.0127	15.08	6.22	12.40	0.00	-0.16	-0.82	0.0
3007	-37.6	24.9	-626.8	32.9	-295.0	-95.5	0.0094	0.0259	0.0127	13.82	5.03	10.24	0.00	-0.14	-0.89	0.0
3008	-36.3	25.6	-646.0	34.7	-302.7	-88.7	0.0102	0.0255	0.0127	12.95	5.16	10.36	0.00	-0.14	-0.91	0.0
3039	-39.4	11.0	-720.5	31.8	-306.6	116.1	0.0092	0.0171	0.0127	8.81	4.74	6.36	0.00	-0.06	-0.94	0.0
3040	-38.0	11.9	-734.3	33.2	-311.9	119.4	0.0099	0.0167	0.0127	8.47	5.01	6.59	0.00	-0.06	-0.95	0.0
3071	-39.9	0.7	-784.3	31.5	-314.7	143.8	0.0090	0.0172	0.0127	9.15	4.77	6.45	0.00	-0.06	-1.00	0.0
3072	-38.1	1.7	-793.3	32.4	-317.7	147.1	0.0096	0.0168	0.0127	8.75	5.01	6.64	0.00	-0.07	-1.02	0.0
3073	-623.6	-215.3	-666.8	93.2	533.3	251.8	0.0331	0.0462	0.0057	2.66	1.91	15.58	0.00	-0.49	-1.28	0.0
3074	-365.7	-102.9	-351.8	159.8	243.6	94.3	0.0331	0.0462	0.0022	2.18	1.56	32.22	0.00	-0.36	-0.68	0.0
3075	-219.4	-58.3	-205.8	188.0	110.5	16.5	0.0331	0.0462	0.0022	2.59	1.86	38.44	0.00	-0.27	-0.47	0.0
3076	-480.1	-141.4	-478.0	148.2	370.6	113.6	0.0331	0.0462	0.0022	1.85	1.32	27.37	0.00	-0.37	-0.91	0.0
3077	-309.9	-75.5	-283.5	176.9	183.6	44.2	0.0331	0.0462	0.0022	2.12	1.52	31.43	0.00	-0.30	-0.58	0.0
3078	-207.2	-53.1	-183.0	190.2	81.7	-37.1	0.0331	0.0462	0.0022	2.30	1.64	34.00	0.00	-0.22	-0.45	0.0
3079	-384.9	-79.8	-339.1	174.7	254.6	84.9	0.0331	0.0462	0.0022	2.77	1.99	41.10	0.00	-0.36	-0.72	0.0
3080	-272.0	-58.0	-230.1	189.0	129.8	-21.9	0.0331	0.0462	0.0022	1.83	1.31	27.12	0.00	-0.23	-0.51	0.0
3081	-200.1	-50.9	-162.7	191.6	58.9	-59.2	0.0331	0.0462	0.0022	2.45	1.76	36.34	0.00	-0.21	-0.45	0.0
3082	-631.6	-554.4	-2888.0	-96.0	-761.3	-1059.5	0.0331	0.0462	0.0055				-0.06	-0.52	-3.49	
3083	-910.8	-685.3	-4065.1	28.6	-1366.4	-475.8	0.0331	0.0462	0.0055				-0.29	-0.74	-4.62	
3084	-753.9	-711.6	-5096.3	108.0	-676.7	185.9	0.0331	0.0462	0.0055				-0.59	-0.76	-5.21	
3085	-873.5	-750.7	-5746.9	99.9	-493.0	331.5	0.0331	0.0462	0.0055				-0.69	-0.86	-5.82	
3086	-1003.1	-898.8	-6956.3	52.5	213.3	506.9	0.0331	0.0462	0.0055				-0.83	-1.02	-7.01	
3087	-2337.6	-1060.1	-5034.3	-477.9	2375.1	500.2	0.0331	0.0462	0.0055				-0.81	-1.13	-6.50	
3088	-1653.0	-1030.4	-3796.5	-385.4	-94.4	864.5	0.0331	0.0462	0.0057				-0.63	-1.81	-4.04	
3089	-1832.4	-1032.6	-4236.4	-306.7	573.8	535.4	0.0331	0.0462	0.0057				-0.89	-1.74	-4.47	
3090	-1601.2	-872.3	-3885.7	-149.6	651.0	407.2	0.0331	0.0462	0.0057				-0.81	-1.43	-4.12	
3091	-1237.6	-522.8	-2032.5	-40.9	1429.7	244.9	0.0331	0.0462	0.0057				-0.12	-0.54	-3.14	
3092	-755.3	-483.9	-4213.1	97.4	-763.1	152.9	0.0331	0.0462	0.0055				-0.45	-0.62	-4.38	
3093	-787.4	-589.1	-4736.9	128.8	-710.8	238.1	0.0331	0.0462	0.0055				-0.52	-0.72	-4.88	
3094	-812.5	-742.1	-5475.6	123.6	-532.3	382.6	0.0331	0.0462	0.0055				-0.65	-0.81	-5.57	
3095	-1277.9	-1177.8	-5008.6	-346.5	1020.2	1167.8	0.0331	0.0462	0.0055				-0.83	-1.03	-5.60	
3096	-1243.7	-1545.0	-4519.5	-669.4	492.4	2409.3	0.0331	0.0462	0.0055				-0.09	-1.24	-5.98	
3097	-1944.4	-1229.1	-3927.5	-764.1	1237.0	1261.6	0.0331	0.0462	0.0057				-0.64	-1.38	-5.08	
3098	-1568.7	-807.3	-3528.4	-261.4	173.1	206.6	0.0331	0.0462	0.0057				-0.72	-1.62	-3.56	
3099	-1502.2	-833.6	-3681.5	-151.6	452.1	478.1	0.0331	0.0462	0.0057				-0.75	-1.42	-3.85	
3100	-1307.5	-643.2	-2685.0	-91.5	1031.4	736.5	0.0331	0.0462	0.0057				-0.32	-0.91	-3.41	
3101	-880.5	-336.4	-1170.2	45.8	966.1	591.2	0.0331	0.0462	0.0057	8.44	6.05	49.39	0.00	-0.84	-2.39	0.0
3102	-867.7	-1191.9	-3682.7	-230.2	-477.0	645.2	0.0331	0.0462	0.0057				-0.57	-1.27	-3.90	
3103	-962.9	-1362.9	-4065.8	-317.8	-404.6	934.5	0.0331	0.0462	0.0057				-0.58	-1.43	-4.38	
3104	-1059.3	-1522.7	-4485.1	-493.6	-175.0	1318.2	0.0331	0.0462	0.0057				-0.52	-1.56	-4.99	
3105	-1370.4	-1186.1	-3699.5	-635.6	1011.7	685.5	0.0331	0.0462	0.0057				-0.63	-1.31	-4.32	
3106	-1140.3	-749.6	-2723.7	-267.5	255.1	-196.2	0.0331	0.0462	0.0057				-0.57	-1.26	-2.78	
3107	-1190.4	-829.1	-3148.3	-242.4	-189.9	226.8	0.0331	0.0462	0.0057				-0.67	-1.31	-3.18	
3108	-1389.3	-804.6	-3397.7	-194.6	441.6	475.0	0.0331	0.0462	0.0057				-0.70	-1.31	-3.58	
3109	-1229.9	-598.4	-2504.1	-106.8	872.1	690.8	0.0331	0.0462	0.0057				-0.33	-0.88	-3.12	
3110	-899.8	-335.8	-1182.4	-20.0	895.4	624.5	0.0331	0.0462	0.0057	6.44	4.61	37.64	0.00	-0.75	-2.30	0.0
3111	-562.2	-145.0	-567.9	125.1	378.4	187.5	0.0331	0.0462	0.0057	1.73	1.24	10.11	0.00	-0.44	-1.00	0.0
3112	-785.9	-810.3	-2879.7	-196.6	-169.0	450.3	0.0331	0.0462	0.0057				-0.52	-0.98	-2.98	
3113	-875.8	-839.6	-2965.1	-203.1	-124.5	530.9	0.0331	0.0462	0.0057				-0.55	-1.03	-3.09	
3114	-969.8	-848.5	-2991.6	-189.7	57.1	525.5	0.0331	0.0462	0.0057				-0.64	-1.06	-3.12	

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
3115	-1053.2	-831.3	-3109.2	-188.7	36.8	459.4	0.0331	0.0462	0.0057				-0.66	-1.13	-3.20	
3116	-1150.5	-781.3	-3150.2	-173.7	175.5	383.4	0.0331	0.0462	0.0057				-0.68	-1.18	-3.23	
3117	-1140.9	-700.4	-3035.2	-90.6	259.2	316.1	0.0331	0.0462	0.0057				-0.65	-1.11	-3.11	
3118	-1085.7	-552.4	-2256.9	-85.7	731.1	578.6	0.0331	0.0462	0.0057				-0.34	-0.81	-2.75	
3119	-851.6	-298.3	-1066.3	-28.4	794.3	526.2	0.0331	0.0462	0.0057	4.33	3.10	25.31	0.00	-0.63	-2.02	0.0
3120	-572.6	-118.6	-550.6	113.1	313.6	156.1	0.0331	0.0462	0.0057	0.57	0.41	3.33	0.00	-0.40	-0.90	0.0
3121	-414.3	-64.9	-341.6	164.8	219.1	70.4	0.0331	0.0462	0.0022	1.89	1.35	27.97	0.00	-0.33	-0.68	0.0
3122	-514.9	-466.5	-1323.9	-127.9	-52.7	790.4	0.0331	0.0462	0.0057	1.15	0.82	6.70	0.00	-0.59	-1.83	0.0
3123	-584.6	-469.8	-1360.8	-104.6	35.6	814.3	0.0331	0.0462	0.0057	0.65	0.46	3.79	0.00	-0.61	-1.87	0.0
3124	-656.5	-477.2	-1413.4	-77.7	56.0	832.8	0.0331	0.0462	0.0057	0.37	0.27	2.18	0.00	-0.66	-1.92	0.0
3125	-752.5	-486.1	-1497.6	-55.3	50.9	846.5	0.0331	0.0462	0.0057				-0.01	-0.75	-1.98	
3126	-863.7	-535.9	-2166.9	45.3	-197.1	582.5	0.0331	0.0462	0.0057				-0.35	-0.84	-2.38	
3127	-941.8	-482.0	-1992.9	39.5	580.9	477.2	0.0331	0.0462	0.0057				-0.27	-0.80	-2.35	
3128	-763.4	-253.2	-920.9	57.7	664.8	381.9	0.0331	0.0462	0.0057	3.13	2.24	18.30	0.00	-0.58	-1.66	0.0
3129	-541.7	-92.0	-480.8	122.9	236.3	69.3	0.0331	0.0462	0.0057				-0.02	-0.34	-0.75	
3130	-422.0	-48.8	-299.3	155.2	173.0	17.8	0.0331	0.0462	0.0022	0.84	0.60	12.44	0.00	-0.25	-0.60	0.0
3131	-322.9	-37.9	-191.6	177.3	78.5	-64.4	0.0331	0.0462	0.0022	1.50	1.08	22.28	0.00	-0.21	-0.50	0.0
3132	-268.7	-52.7	-209.4	-52.3	46.7	16.0	0.0331	0.0462	0.0022				-0.04	-0.18	-0.31	
3133	-314.8	-53.1	-224.8	-25.0	34.6	20.1	0.0331	0.0462	0.0022				-0.05	-0.21	-0.33	
3134	-363.8	-58.3	-253.7	49.6	-22.7	32.9	0.0331	0.0462	0.0022				-0.05	-0.25	-0.38	
3135	-426.1	-78.9	-331.4	88.8	-65.6	42.2	0.0331	0.0462	0.0022				-0.05	-0.30	-0.48	
3136	-563.3	-216.5	-745.6	91.9	-206.4	329.8	0.0331	0.0462	0.0057				-0.06	-0.45	-1.02	
3137	-654.0	-202.6	-666.2	114.2	418.3	225.8	0.0331	0.0462	0.0057	0.66	0.47	3.83	0.00	-0.48	-1.11	0.0
3138	-498.7	-70.6	-339.1	145.3	157.4	-74.8	0.0331	0.0462	0.0057				-0.02	-0.24	-0.64	
3139	-400.5	-49.2	-161.1	151.3	111.5	-78.9	0.0331	0.0462	0.0022	0.48	0.34	7.07	0.00	-0.14	-0.52	0.0
3140	-324.5	-44.9	-70.6	161.9	38.7	-113.0	0.0331	0.0462	0.0022	2.51	1.79	37.13	0.00	-0.19	-0.50	0.0
3141	-265.3	-55.5	-8.6	166.9	-25.1	-111.4	0.0331	0.0462	0.0022	3.83	2.75	56.79	0.00	-0.22	-0.49	0.0
3142	-76.5	-98.2	67.3	130.3	-71.8	-84.4	0.0331	0.0462	0.0140	5.02	3.60	11.91	0.00	-0.22	-0.39	0.0
3143	-96.5	-97.6	73.4	136.1	-71.7	-87.4	0.0331	0.0462	0.0140	5.14	3.68	12.19	0.00	-0.23	-0.40	0.0
3144	-118.2	-95.9	78.6	142.0	-71.4	-91.1	0.0331	0.0462	0.0140	5.27	3.78	12.50	0.00	-0.23	-0.42	0.0
3145	-89.7	-72.1	-44.6	165.6	-53.2	-93.6	0.0331	0.0462	0.0140	4.34	3.11	10.28	0.00	-0.24	-0.39	0.0
3146	-110.0	-72.3	-38.3	167.1	-52.2	-96.2	0.0331	0.0462	0.0140	4.26	3.05	10.09	0.00	-0.24	-0.40	0.0
3147	-130.9	-72.8	-30.1	167.9	-51.2	-98.9	0.0331	0.0462	0.0022	4.20	3.01	62.21	0.00	-0.24	-0.41	0.0
3148	-131.1	-54.6	-120.7	188.0	18.5	-70.5	0.0331	0.0462	0.0140	3.24	2.32	7.69	0.00	-0.22	-0.41	0.0
3149	-143.2	-54.9	-113.6	186.2	13.4	-77.1	0.0331	0.0462	0.0022	3.18	2.28	47.13	0.00	-0.21	-0.41	0.0
3150	-157.5	-57.0	-103.1	184.6	-17.0	-84.9	0.0331	0.0462	0.0022	3.40	2.44	50.38	0.00	-0.24	-0.42	0.0
3151	-219.3	-70.2	28.8	166.6	-48.7	-109.2	0.0331	0.0462	0.0022	4.59	3.29	67.96	0.00	-0.24	-0.48	0.0
3152	-251.9	-45.5	-123.8	185.2	39.2	-85.6	0.0331	0.0462	0.0022	2.38	1.70	35.24	0.00	-0.19	-0.46	0.0
3153	-303.5	-49.1	-231.4	187.9	111.8	-33.6	0.0331	0.0462	0.0022	1.59	1.14	23.57	0.00	-0.23	-0.51	0.0
3154	-179.3	-84.0	53.6	161.5	-61.3	-102.5	0.0331	0.0462	0.0022	4.97	3.56	73.60	0.00	-0.24	-0.46	0.0
3155	-199.9	-58.3	-79.7	182.8	-21.1	-97.9	0.0331	0.0462	0.0022	3.40	2.43	50.33	0.00	-0.23	-0.44	0.0
3156	-234.9	-51.4	-167.5	192.2	67.4	-63.8	0.0331	0.0462	0.0022	2.15	1.54	31.92	0.00	-0.20	-0.46	0.0
3157	-145.6	-93.6	72.6	151.7	-69.0	-94.8	0.0331	0.0462	0.0022	5.20	3.72	77.01	0.00	-0.24	-0.45	0.0
3158	-159.6	-70.2	-42.1	174.6	-41.0	-100.7	0.0331	0.0462	0.0022	3.92	2.81	58.13	0.00	-0.23	-0.43	0.0
3159	-184.1	-56.4	-118.8	186.5	25.3	-83.7	0.0331	0.0462	0.0022	2.76	1.97	40.84	0.00	-0.20	-0.43	0.0
3168	-347.2	-34.2	-462.9	-91.6	406.9	123.2	0.0291	0.0406	0.0127	0.45	0.32	1.03	0.00	-0.03	-0.86	0.0
3219	-27.5	-137.8	-600.3	44.3	-50.5	382.9	0.0388	0.0358	0.0127	2.06	2.24	6.30	0.00	-0.10	-0.90	0.0
3220	-18.7	-147.2	-631.9	36.9	45.2	401.7	0.0386	0.0358	0.0127	2.68	2.90	8.16	0.00	-0.15	-0.96	0.0
3221	-12.9	-152.1	-687.4	22.2	54.5	419.7	0.0383	0.0360	0.0127	2.54	2.70	7.65	0.00	-0.13	-1.02	0.0
3222	-0.2	-150.3	-787.0	-26.5	77.6	444.0	0.0379	0.0362	0.0127	2.10	2.20	6.27	0.00	-0.08	-1.10	0.0
3223	90.6	-76.8	-802.7	-48.6	216.3	409.8	0.0373	0.0365	0.0127	4.44	4.54	13.03	0.00	-0.09	-1.19	0.0
3224	73.3	-35.4	-769.9	-124.0	288.8	344.5	0.0366	0.0369	0.0161	4.55	4.52	10.32	0.00	-0.07	-1.16	0.0
3225	-48.9	-47.0	-640.2	-125.9	415.3	253.9	0.0358	0.0373	0.0127	4.62	4.44	13.01	0.00	-0.12	-1.11	0.0
3226	-89.9	-14.7	-453.1	-102.1	398.7	149.5	0.0348	0.0377	0.0127	4.79	4.42	13.13	0.00	-0.14	-0.92	0.0
3227	-104.7	7.4	-300.2	-81.0	362.1	80.9	0.0338	0.0383	0.0127	5.15	4.55	13.70	0.00	-0.15	-0.77	0.0
3228	-101.3	27.7	-181.9	-59.0	314.7	26.8	0.0327	0.0388	0.0127	5.52	4.65	14.20	0.00	-0.15	-0.65	0.0
3229	-65.0	49.9	61.7	12.8	125.7	-128.8	0.0125	0.0422	0.0244	17.01	5.03	8.68	0.00	-0.20	-0.39	0.0
3230	-64.6	49.6	58.6	8.8	143.8	-127.6	0.0136	0.0416	0.0244	16.18	5.29	9.01	0.00	-0.21	-0.41	0.0
3231	-64.6	50.4	52.0	5.1	165.1	-125.7	0.0148	0.0411	0.0244	15.53	5.58	9.38	0.00	-0.21	-0.44	0.0
3237	-260.5	-1.2	-315.6	-56.3	318.1	60.5	0.0152	0.0409	0.0244	2.06	0.77	1.28	0.00	-0.02	-0.65	0.0
3238	-94.1	40.3	-93.9	-39.7	271.2	-64.9	0.0316	0.0394	0.0127	6.64	5.33	16.50	0.00	-0.20	-0.58	0.0
3241	-84.6	47.2	-29.0	-22.8	231.8	-94.8	0.0305	0.0399	0.0127	7.24	5.52	17.35	0.00	-0.21	-0.52	0.0
3244	-72.2	50.2	24.1	-9.7	195.0	-115.6	0.0159	0.0405	0.0244	14.55	5.71	9.47	0.00	-0.22	-0.47	0.0
3246	-270.0	-6.2	-352.3	-68.7	343.1	79.3	0.0293	0.0405	0.0127	1.17	0.85	2.71	0.00	-0.02	-0.71	0.0
3255	-182.4	21.6	-749.6	-136.5	598.2	233.1	0.0287	0.0229	0.0127	6.86	8.58	15.48	0.00	-0.12	-1.38	0.0
3306	96.4	-83.5	-950.0	41.8	-81.9	404.3	0.0388	0.0179	0.0127	2.73	5.92	8.33	0.00	-0.03	-1.22	0.0
3307	121.2	-90.0	-985.6	26.0	-52.9	421.1	0.0386	0.0180	0.0127	3.22	6.92	9.79	0.00	-0.05	-1.28	0.0
3308	148.6	-91.3	-1027.8	-26.3	86.4	430.7	0.0383	0.0181	0.0127	4.05	8.57	12.21	0.00	-0.08	-1.36	0.0
3309	177.3	-81.0	-1049.5	-59.9	159.6	422.4	0.0379	0.0184	0.0127	5.23	10.79	15.58	0.00	-0.12	-1.43	0.0
3310	164.6	-77.7	-1049.0	-99.4	231.9	394.1	0.0372	0.0187	0.0127	5.68	11.34	16.65	0.00	-0.15	-1.45	0.0
3311	150.3	-58.3	-1008.7	-115.1	312.1	351.8	0.0365	0.0190	0.0127	6.37	12.21	18.29	0.00	-0.18	-1.44	0.0
3312	132.2	-21.9	-938.6	-136.4	370.8	300.1	0.0356	0.0195	0.0127	7.20	13.18	20.18	0.00	-0.19	-1.41	0.0
3313	83.6	1.8	-844.5	-145.4	421.6	239.6	0.0347	0.0200	0.0127	7.47	12.98	20.37	0.00	-0.20	-1.34	0.0
3314	43.7	29.0	-732.3	-140.9	438.7	175.7	0.0336	0.0205	0.0127	7.68	12.60	20.31	0.00	-0.20	-1.24	0.0
3315	13.2	52.3	-623.0	-129.7	433.4	116.5	0.0325	0.0210	0.0127	7.85	12.12	20.06	0.00	-0.20	-1.13	0.0
3316	-49.6	106.5	-247.9	-54.1	298.1	-121.9	0.0121	0.0245	0.0244	21.26	10.49	10.53	0.00	-0.23	-0.73	0.0
3317	-42.2	103.8	-279.5	-62.0	314.5	-115.6	0.0133	0.0240	0.0244	19.87	10.99	10.78	0.00	-0.24	-0.77	0.0
3318	-33.9	101.2	-317.0	-70.8	333.3	-107.4	0.0144	0.0234	0.0244	18.78	11.59	11.08	0.00	-0.25	-0.81	0.0
3324	-146.1	46.2	-599.4	-116.5	524.3	160.9	0.0148	0.0232	0.0244	13.45	8.59	8.15	0.00	-0.12	-1.18	0.0
3325	-7.0	70.9	-526.7	-114.7	414.9	67.3	0.0313	0.0216	0.0127	7.99	11.58	19.69	0.00	-0.19	-1.02	0.0
3328	-20.4	85.0	-444.2	-98.9	390.5	-52.9	0.0302	0.0222	0.0127	9.19	12.49	21.82	0.00	-0.26	-0.95	0.0
3331	-27.3	95.8	-371.2	-83.5	360.4	-88.0	0.0156	0.0228	0.0244	17.75	12.15	11.33	0.00	-0.26	-0.88	0.0
3333	-136.1	38.8	-641.5	-125.0	535.4	183.7	0.0156	0.0228	0.0244	13.06	8.94	8.33	0.00	-0.12	-1.23	0.0
3342	-75.5	21.0	-959.1	-142.6	637.3	259.1	0.0150	0.0231	0.0244	17.28	11.18	10.57	0.00	-0.17	-1.61	0.0
3393	127.5	-95.1	-1131.0	33.9	-89.4	406.9	0.0388	0.0179	0.0127	3.46	7.50	10.55	0.00	-0.09	-1.41	0.0
3394	146.5	-98.9	-1159.9	16.2	-46.6	419.4	0.0386	0.0180	0.0127	3.83	8.25	11.66	0.00	-0.10	-1.46	0.0
3395	163.2	-98.2	-1183.8	-31.6	99.7	424.0	0.0383	0.0181	0.0127	4.45	9.40	13.42	0.00	-0.12	-1.51	0.0
3396	169.2	-93.2	-1198.2	-58.3	160.4	418.1	0.0378	0.0184	0.0127	4.98	10.25	14.82	0.00	-0.14	-1.55	0.0
3397	170.0	-78.6	-1196.2	-83.5	227.3	401.5	0.0372	0.0187	0.0127	5.61	11.17	16.43	0.00	-0.16	-1.57	0.0
3398	155.8	-60.1	-1177.1	-109.7	292.1	372.3	0.0364	0.0191	0.0127	6.11	11.66	17.50	0.00	-0.17	-1.58	0.0
3399	130.5	-39.7	-1140.3	-126.9	349.9	332.1	0.0355	0.0195	0.0127	6.46	11.74	18.04	0.00	-0.18	-1.56	0.0
3400	104.0	-13.6	-1089.1	-136.9	394.4	285.9	0.0345	0.0200	0.0127	6.83	11.77	18.55	0.00	-0.19	-1.52	0.0
3401	72.4	10.5	-1028.5	-139.7	426.8	236.2	0.0334	0.0206	0.0127	7.07	11.49	18.59	0.00	-0.19	-1.47	0.0
3402	42.9	33.4	-961.7	-135.5	443.3	185.8	0.0323	0.0211	0.0127	7.23	11.03	18.35	0.00	-0.18	-1.40	0.0
3403	-47.7	96.7	-626.4	-73.9	394.7	-91.4	0.0118	0.0247	0.0244	20.09	9.56	9.66	0.00	-0.22	-1.07	0.0
3404	-38.6	93.4	-670.1	-82.1	403.7	-78.9	0.0129	0.0241	0.0244	18.53	9.92	9.79	0.00	-0.23	-1.11	0.0
3405	-27.8	89.0	-717.3	-91.2	413.5	-63.6	0.0141	0.0235	0.0244	17.27	10.35	9.97	0.00	-0.23	-1.15	0.0
3411	-70.3	39.2	-858.0	-130.9	581.9	195.7	0.0145	0.0233	0.0244	16.72	10.37	9.90	0.00	-0.16	-1.45	0.0
3412	18.3	52.4	-895.4	-126.8	446.9	140.8	0.0311	0.0217	0.0127	7.33	10.48	17.93	0.00	-0.18	-1.33	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
3415	-1.3	68.5	-832.0	-115.8	441.6	100.8	0.0165	0.0223	0.0127	13.43	9.92	17.43	0.00	-0.17	-1.26	0.0
3418	-15.7	81.6	-771.1	-103.1	427.9	66.1	0.0153	0.0229	0.0127	13.97	9.32	16.81	0.00	-0.16	-1.19	0.0
3420	-56.6	31.0	-894.4	-136.5	580.0	216.2	0.0153	0.0229	0.0244	15.92	10.60	9.95	0.00	-0.16	-1.49	0.0
3429	-21.0	0.4	-1113.3	-131.0	622.7	260.5	0.0146	0.0233	0.0244	17.89	11.25	10.71	0.00	-0.20	-1.72	0.0
3480	117.7	-84.0	-1202.9	29.3	-91.0	400.6	0.0388	0.0179	0.0127	3.20	6.93	9.76	0.00	-0.08	-1.46	0.0
3481	129.1	-86.8	-1227.5	14.5	-46.0	410.6	0.0386	0.0180	0.0127	3.38	7.27	10.28	0.00	-0.09	-1.49	0.0
3482	136.9	-86.5	-1248.3	-26.0	92.1	414.3	0.0383	0.0181	0.0127	3.74	7.88	11.25	0.00	-0.10	-1.53	0.0
3483	140.3	-82.0	-1262.2	-46.4	148.5	410.6	0.0378	0.0184	0.0127	4.13	8.48	12.27	0.00	-0.11	-1.56	0.0
3484	136.0	-74.2	-1267.3	-67.2	206.9	398.3	0.0371	0.0187	0.0127	4.49	8.90	13.11	0.00	-0.12	-1.59	0.0
3485	125.8	-62.3	-1262.4	-85.3	264.2	377.9	0.0363	0.0191	0.0127	4.85	9.21	13.86	0.00	-0.13	-1.60	0.0
3486	109.6	-47.0	-1247.9	-100.6	317.1	350.4	0.0354	0.0196	0.0127	5.18	9.37	14.44	0.00	-0.14	-1.60	0.0
3487	88.2	-30.3	-1224.8	-111.2	363.1	317.0	0.0344	0.0201	0.0127	5.46	9.33	14.76	0.00	-0.14	-1.59	0.0
3488	65.1	-12.3	-1195.1	-116.7	399.6	279.8	0.0332	0.0207	0.0127	5.69	9.17	14.90	0.00	-0.14	-1.57	0.0
3489	41.6	5.6	-1160.9	-117.2	426.2	240.8	0.0321	0.0213	0.0127	5.87	8.86	14.82	0.00	-0.14	-1.54	0.0
3490	-47.7	62.4	-919.5	-74.9	452.6	75.2	0.0114	0.0249	0.0244	14.15	6.51	6.62	0.00	-0.11	-1.28	0.0
3491	-38.3	58.5	-960.2	-82.0	452.9	92.6	0.0126	0.0243	0.0244	13.05	6.77	6.73	0.00	-0.11	-1.32	0.0
3492	-27.5	54.0	-1002.0	-89.3	452.1	111.9	0.0138	0.0237	0.0244	12.16	7.09	6.87	0.00	-0.12	-1.36	0.0
3498	-30.9	14.1	-1055.1	-122.9	584.3	213.4	0.0141	0.0235	0.0244	16.75	10.08	9.70	0.00	-0.18	-1.60	0.0
3499	20.2	21.2	-1124.0	-113.6	443.3	204.1	0.0174	0.0219	0.0127	10.62	8.48	14.58	0.00	-0.14	-1.50	0.0
3502	1.4	35.1	-1085.0	-107.2	452.5	169.3	0.0162	0.0225	0.0127	11.14	8.05	14.23	0.00	-0.13	-1.46	0.0
3505	-14.2	46.8	-1043.8	-98.5	453.7	137.2	0.0150	0.0231	0.0127	11.64	7.57	13.75	0.00	-0.12	-1.41	0.0
3507	-17.6	7.1	-1083.0	-125.9	572.4	231.4	0.0150	0.0231	0.0244	15.67	10.15	9.60	0.00	-0.18	-1.62	0.0
3516	8.5	-21.3	-1210.8	-115.1	598.3	260.6	0.0143	0.0234	0.0244	17.70	10.82	10.37	0.00	-0.22	-1.76	0.0
3567	96.0	-75.0	-1205.4	26.9	-90.8	384.3	0.0388	0.0179	0.0127	2.64	5.72	8.05	0.00	-0.06	-1.43	0.0
3568	103.4	-77.7	-1228.1	16.1	-48.8	393.2	0.0386	0.0180	0.0127	2.72	5.85	8.28	0.00	-0.06	-1.46	0.0
3569	107.8	-78.0	-1247.7	-19.2	77.6	397.1	0.0383	0.0182	0.0127	2.94	6.19	8.85	0.00	-0.07	-1.49	0.0
3570	108.3	-75.9	-1263.2	-34.9	128.2	395.4	0.0377	0.0184	0.0127	3.19	6.53	9.46	0.00	-0.08	-1.51	0.0
3571	104.9	-71.2	-1273.7	-50.4	180.3	387.9	0.0371	0.0188	0.0127	3.46	6.83	10.08	0.00	-0.09	-1.54	0.0
3572	97.0	-64.3	-1279.0	-64.9	231.9	374.8	0.0362	0.0192	0.0127	3.73	7.05	10.63	0.00	-0.09	-1.56	0.0
3573	85.3	-55.4	-1279.3	-77.4	281.1	356.5	0.0353	0.0196	0.0127	4.00	7.20	11.12	0.00	-0.10	-1.57	0.0
3574	70.5	-44.5	-1275.2	-87.2	326.2	333.8	0.0342	0.0202	0.0127	4.28	7.26	11.52	0.00	-0.11	-1.58	0.0
3575	53.3	-32.6	-1267.4	-93.9	366.0	307.8	0.0331	0.0207	0.0127	4.52	7.21	11.78	0.00	-0.11	-1.59	0.0
3576	35.2	-19.9	-1256.5	-96.9	399.5	279.3	0.0319	0.0214	0.0127	4.75	7.08	11.90	0.00	-0.11	-1.58	0.0
3577	-44.7	30.8	-1106.7	-72.4	499.8	131.8	0.0111	0.0250	0.0244	14.09	6.26	6.41	0.00	-0.11	-1.48	0.0
3578	-36.8	26.7	-1138.4	-76.6	487.7	150.6	0.0123	0.0244	0.0244	12.29	6.19	6.19	0.00	-0.11	-1.50	0.0
3579	-26.2	20.9	-1170.0	-82.0	476.4	171.3	0.0135	0.0238	0.0244	11.07	6.28	6.12	0.00	-0.11	-1.52	0.0
3585	-8.2	-10.5	-1179.9	-109.1	577.6	229.4	0.0138	0.0237	0.0244	16.59	9.70	9.40	0.00	-0.20	-1.69	0.0
3586	17.7	-8.0	-1241.9	-96.6	426.5	251.4	0.0172	0.0220	0.0127	8.81	6.90	11.93	0.00	-0.11	-1.58	0.0
3589	1.5	3.3	-1222.9	-93.7	447.7	223.2	0.0160	0.0226	0.0127	9.46	6.70	11.90	0.00	-0.11	-1.56	0.0
3592	-13.1	13.6	-1198.8	-88.3	463.3	195.8	0.0147	0.0232	0.0127	10.18	6.47	11.81	0.00	-0.11	-1.54	0.0
3594	3.6	-16.3	-1199.4	-110.3	554.0	245.1	0.0147	0.0232	0.0244	15.05	9.50	9.04	0.00	-0.19	-1.69	0.0
3603	30.5	-35.7	-1259.4	-105.2	573.3	266.1	0.0140	0.0146	0.0244	17.73	16.98	10.17	0.00	-0.23	-1.78	0.0
3654	77.7	-69.9	-1168.5	25.6	-88.9	371.3	0.0388	0.0089	0.0127	2.16	9.39	6.61	0.00	-0.04	-1.37	0.0
3655	83.1	-72.7	-1189.3	18.4	-50.7	379.7	0.0386	0.0090	0.0127	2.21	9.45	6.72	0.00	-0.04	-1.39	0.0
3656	86.1	-73.8	-1208.4	-14.1	61.1	384.1	0.0382	0.0092	0.0127	2.33	9.68	7.02	0.00	-0.05	-1.42	0.0
3657	86.2	-73.3	-1225.3	-26.8	106.9	384.5	0.0377	0.0095	0.0127	2.52	10.02	7.49	0.00	-0.05	-1.45	0.0
3658	83.3	-71.1	-1240.0	-39.5	154.1	380.7	0.0370	0.0098	0.0127	2.74	10.29	7.97	0.00	-0.06	-1.47	0.0
3659	77.6	-67.3	-1252.4	-51.5	201.4	372.8	0.0362	0.0103	0.0127	2.98	10.48	8.47	0.00	-0.07	-1.50	0.0
3660	69.2	-62.0	-1262.7	-62.2	247.6	361.1	0.0352	0.0108	0.0127	3.24	10.58	8.96	0.00	-0.08	-1.52	0.0
3661	58.4	-55.3	-1271.4	-71.3	291.7	345.9	0.0341	0.0113	0.0127	3.51	10.58	9.41	0.00	-0.08	-1.54	0.0
3662	45.7	-47.2	-1278.6	-78.2	333.0	327.8	0.0329	0.0119	0.0127	3.79	10.49	9.81	0.00	-0.09	-1.56	0.0
3663	31.9	-37.7	-1284.0	-82.5	370.8	307.3	0.0317	0.0125	0.0127	4.08	10.33	10.17	0.00	-0.10	-1.58	0.0
3664	-43.2	14.4	-1207.7	93.8	574.1	178.2	0.0108	0.0162	0.0244	26.22	17.50	11.62	0.00	-0.35	-1.74	0.0
3665	-28.5	7.4	-1226.6	83.5	544.5	196.7	0.0120	0.0156	0.0244	22.52	17.31	11.08	0.00	-0.34	-1.72	0.0
3666	-18.4	0.2	-1249.0	-78.8	498.5	218.4	0.0132	0.0150	0.0244	11.95	10.53	6.47	0.00	-0.12	-1.62	0.0
3672	12.5	-25.8	-1244.4	-100.6	571.3	247.1	0.0135	0.0149	0.0244	17.23	15.70	9.55	0.00	-0.21	-1.75	0.0
3673	18.1	-27.8	-1285.5	-84.4	405.0	286.4	0.0170	0.0131	0.0127	7.86	10.17	10.52	0.00	-0.10	-1.60	0.0
3676	4.8	-17.8	-1281.1	-84.1	436.2	264.1	0.0158	0.0138	0.0127	8.82	10.09	10.93	0.00	-0.10	-1.61	0.0
3679	-7.6	-8.0	-1269.0	-81.8	466.1	241.3	0.0145	0.0144	0.0127	10.07	10.13	11.48	0.00	-0.11	-1.61	0.0
3681	20.6	-31.3	-1257.3	-100.6	532.9	260.7	0.0144	0.0145	0.0244	14.86	14.80	8.75	0.00	-0.19	-1.72	0.0
3690	58.1	-42.7	-1275.4	146.0	523.7	278.3	0.0137	0.0148	0.0244	27.18	25.26	15.28	0.00	-0.52	-1.86	0.0
3741	64.6	-67.6	-1119.7	24.8	-85.6	367.2	0.0388	0.0089	0.0127	1.83	7.92	5.58	0.00	-0.02	-1.31	0.0
3742	69.1	-70.5	-1138.8	20.1	-50.6	375.1	0.0386	0.0090	0.0127	1.86	7.95	5.66	0.00	-0.02	-1.33	0.0
3743	71.5	-72.1	-1157.3	15.6	46.0	380.0	0.0382	0.0092	0.0127	2.39	9.91	7.20	0.00	-0.06	-1.37	0.0
3744	71.8	-72.4	-1175.3	-22.3	87.9	381.7	0.0377	0.0095	0.0127	2.08	8.25	6.18	0.00	-0.03	-1.38	0.0
3745	69.9	-71.5	-1192.7	-33.3	131.4	380.2	0.0369	0.0099	0.0127	2.28	8.53	6.63	0.00	-0.04	-1.41	0.0
3746	65.9	-69.4	-1209.8	-43.8	175.5	375.5	0.0361	0.0103	0.0127	2.51	8.78	7.12	0.00	-0.05	-1.44	0.0
3747	59.8	-66.1	-1226.7	-53.5	219.2	367.8	0.0351	0.0108	0.0127	2.77	8.98	7.63	0.00	-0.06	-1.47	0.0
3748	52.0	-61.4	-1243.5	-62.1	261.9	357.3	0.0340	0.0114	0.0127	3.05	9.12	8.16	0.00	-0.07	-1.50	0.0
3749	42.7	-55.1	-1260.2	-69.1	303.1	344.2	0.0328	0.0120	0.0127	3.37	9.22	8.68	0.00	-0.08	-1.53	0.0
3750	32.6	-47.0	-1275.9	-74.3	342.4	328.9	0.0181	0.0126	0.0127	6.48	9.30	9.22	0.00	-0.08	-1.56	0.0
3751	19.5	39.6	-1233.9	407.3	871.0	203.5	0.0219	0.0164	0.0244	34.54	46.16	30.91	0.00	-1.01	-2.44	0.0
3752	0.2	11.8	-1244.1	189.0	579.6	231.1	0.0118	0.0158	0.0244	34.52	25.73	16.60	0.00	-0.56	-1.89	0.0
3753	-2.4	-4.7	-1269.0	110.7	503.7	254.2	0.0130	0.0152	0.0244	23.09	19.79	12.27	0.00	-0.40	-1.77	0.0
3759	42.8	-31.9	-1269.0	166.2	537.9	267.2	0.0133	0.0150	0.0244	29.21	25.81	15.86	0.00	-0.54	-1.88	0.0
3760	22.2	-37.9	-1287.5	-77.9	379.9	312.9	0.0168	0.0132	0.0127	7.43	9.43	9.82	0.00	-0.09	-1.59	0.0
3763	12.4	-28.1	-1292.0	-80.1	416.7	294.9	0.0155	0.0139	0.0127	8.66	9.68	10.58	0.00	-0.10	-1.61	0.0
3766	3.2	-17.1	-1286.0	-81.2	455.9	275.6	0.0142	0.0145	0.0127	10.42	10.22	11.68	0.00	-0.11	-1.64	0.0
3768	41.8	-37.5	-1277.0	129.9	493.8	279.2	0.0141	0.0146	0.0244	23.78	23.02	13.74	0.00	-0.47	-1.81	0.0
3769	-555.0	-347.7	-1283.0	91.4	-898.1	679.2	0.0331	0.0462	0.0057	7.93	5.68	46.36	0.00	-0.60	-2.37	0.0
3770	-204.6	-143.1	-452.3	-45.7	-355.6	132.5	0.0331	0.0462	0.0022	3.11	2.22	46.02	0.00	-0.29	-0.82	0.0
3771	-46.5	-65.0	-206.9	-69.4	-128.0	26.1	0.0331	0.0462	0.0022	1.98	1.42	29.37	0.00	-0.17	-0.34	0.0
3772	-294.4	-179.1	-596.3	25.9	-385.2	226.6	0.0331	0.0462	0.0022	1.07	0.76	15.78	0.00	-0.22	-0.95	0.0
3773	-144.3	-94.9	-334.3	-61.0	-245.9	119.7	0.0331	0.0462	0.0022	2.99	2.14	44.28	0.00	-0.26	-0.61	0.0
3774	-40.3	-58.9	-186.8	-79.1	-107.5	18.2	0.0331	0.0462	0.0022	2.00	1.43	29.66	0.00	-0.17	-0.31	0.0
3775	-181.1	-101.3	-371.7	-49.8	-253.3	124.9	0.0331	0.0462	0.0022	2.15	1.54	31.81	0.00	-0.24	-0.63	0.0
3776	-95.8	-68.0	-246.8	-72.2	-144.5	55.0	0.0331	0.0462	0.0022	1.72	1.23	25.52	0.00	-0.19	-0.39	0.0
3777	-36.0	-49.6	-165.3	-84.3	-79.4	12.2	0.0331	0.0462	0.0022	1.88	1.35	27.84	0.00	-0.17	-0.27	0.0
3778	-494.3	-477.8	-2574.5	-137.3	-497.4	-1039.1	0.0331	0.0462	0.0055				-0.04	-0.40	-3.10	
3779	-441.0	-463.7	-2900.3	-106.5	251.5	-477.5	0.0331	0.0462	0.0055				-0.24	-0.55	-3.01	
3780	-444.0	-429.9	-2959.4	-58.9	-740.1	82.2	0.0331	0.0462	0.0055				-0.21	-0.46	-3.16	
3781	-437.1	-341.0	-2390.4	22.1	-809.2	122.7	0.0331	0.0462	0.0055				-0.14	-0.34	-2.69	
3782	-435.0	-249.4	-1823.1	49.9	-806.0	-119.5	0.0331	0.0462	0.0055				-0.02	-0.29	-2.20	
3783	-451.1	-192.1	-1336.5	-78.5	-456.0	-220.9	0.0331	0.0462	0.0057				-0.15	-0.26	-1.57	
3784	-489.9	-194.3	-1866.1	-42.0	646.9	-526.5	0.0331	0.0462	0.0057	2.43	1.74	14.23	0.00	-0.48	-2.31	0.0
3785	-772.2	-536.8	-3208.8	28.3	643.7	-383.0	0.0331	0.0462	0.0057				-0.46	-0.64	-3.42	
3786	-987.2	-719.4	-3810.1	71.8	-94.9	178.0	0.0331	0.0462	0.0057				-0.69	-1.00	-3.82	
3787	-908.3	-624.5	-2886.1	101.0	-856.1	660.9	0.0331	0.0462	0.0057				-0.38	-0.67	-3.36	
3788	-678.2	-426.7	-3698.6	58.2	-773.4	106.8	0.0331	0.0462	0.0055				-0.41	-0.50	-3.89	

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
3789	-569.0	-404.9	-3140.9	-45.3	-785.2	96.0	0.0331	0.0462	0.0055				-0.30	-0.45	-3.36	
3790	-475.5	-374.7	-2572.6	61.6	-822.1	96.3	0.0331	0.0462	0.0055				-0.19	-0.37	-2.86	
3791	-420.9	-307.4	-1890.8	157.4	-836.0	132.5	0.0331	0.0462	0.0055				-0.01	-0.32	-2.29	
3792	-385.0	-65.7	-1321.0	289.5	-445.7	-138.9	0.0331	0.0462	0.0057	5.80	4.15	33.94	0.00	-0.66	-1.69	0.0
3793	-465.5	-192.3	-1851.7	101.1	491.7	-507.4	0.0331	0.0462	0.0057				-0.05	-0.32	-2.14	
3794	-691.1	-491.9	-3026.1	38.7	634.0	-409.9	0.0331	0.0462	0.0057				-0.40	-0.56	-3.25	
3795	-887.8	-683.4	-3531.8	47.8	-67.1	51.3	0.0331	0.0462	0.0057				-0.67	-0.90	-3.53	
3796	-868.0	-624.2	-2757.2	85.9	-731.7	548.7	0.0331	0.0462	0.0057				-0.45	-0.67	-3.13	
3797	-603.2	-368.6	-1325.7	89.9	-897.2	623.7	0.0331	0.0462	0.0057	5.70	4.08	33.35	0.00	-0.56	-2.31	0.0
3798	-762.6	-1017.9	-3343.1	280.7	-503.8	393.9	0.0331	0.0462	0.0057				-0.56	-1.05	-3.52	
3799	-669.5	-828.9	-3040.4	319.0	-496.2	146.5	0.0331	0.0462	0.0057				-0.38	-1.00	-3.16	
3800	-596.1	-607.3	-2757.3	346.5	-465.0	-239.9	0.0331	0.0462	0.0057				-0.16	-0.94	-2.87	
3801	-538.6	-423.2	-2400.8	236.7	-388.8	-586.1	0.0331	0.0462	0.0057				-0.03	-0.72	-2.61	
3802	-506.3	-346.1	-2245.3	-87.6	182.5	-783.2	0.0331	0.0462	0.0057				-0.02	-0.54	-2.54	
3803	-631.1	-526.4	-2869.5	-47.6	539.9	-383.0	0.0331	0.0462	0.0057				-0.36	-0.62	-3.05	
3804	-824.6	-676.9	-3305.0	57.2	62.4	38.3	0.0331	0.0462	0.0057				-0.66	-0.84	-3.31	
3805	-860.4	-671.0	-3265.9	58.8	-278.3	174.6	0.0331	0.0462	0.0057				-0.65	-0.84	-3.31	
3806	-725.9	-416.6	-1758.0	55.5	-1115.6	112.4	0.0331	0.0462	0.0057				-0.01	-0.41	-2.48	
3807	-327.6	-178.6	-619.0	26.0	-380.9	193.7	0.0331	0.0462	0.0022				-0.01	-0.19	-0.92	
3808	-705.5	-766.1	-2801.6	-186.9	-172.1	371.8	0.0331	0.0462	0.0057				-0.48	-0.91	-2.88	
3809	-648.5	-711.2	-2766.7	-174.2	-144.9	302.8	0.0331	0.0462	0.0057				-0.46	-0.85	-2.82	
3810	-623.8	-671.6	-2777.0	-153.1	-98.5	230.1	0.0331	0.0462	0.0057				-0.47	-0.80	-2.80	
3811	-646.3	-662.2	-2882.8	-126.9	84.6	138.5	0.0331	0.0462	0.0057				-0.53	-0.77	-2.90	
3812	-693.5	-679.0	-3020.9	-86.8	121.2	66.8	0.0331	0.0462	0.0057				-0.60	-0.77	-3.03	
3813	-746.8	-684.2	-3060.0	-55.8	40.9	72.2	0.0331	0.0462	0.0057				-0.65	-0.78	-3.06	
3814	-797.4	-662.5	-3054.3	-32.5	-176.2	158.3	0.0331	0.0462	0.0057				-0.64	-0.80	-3.08	
3815	-748.9	-531.6	-2218.6	41.8	-764.5	472.1	0.0331	0.0462	0.0057				-0.29	-0.57	-2.64	
3816	-486.2	-293.2	-964.3	21.5	-774.0	411.8	0.0331	0.0462	0.0022	6.19	4.43	91.69	0.00	-0.53	-1.83	0.0
3817	-204.1	-117.8	-413.3	-56.1	-258.5	48.0	0.0331	0.0462	0.0022	0.35	0.25	5.24	0.00	-0.17	-0.60	0.0
3818	-450.9	-465.8	-1294.5	-139.1	-78.6	763.5	0.0331	0.0462	0.0057	1.22	0.88	7.15	0.00	-0.54	-1.79	0.0
3819	-404.2	-467.6	-1289.2	-141.5	-84.0	750.5	0.0331	0.0462	0.0057	1.16	0.83	6.78	0.00	-0.50	-1.77	0.0
3820	-389.6	-476.3	-1319.9	-137.8	-71.2	752.7	0.0331	0.0462	0.0057	0.69	0.49	4.04	0.00	-0.47	-1.78	0.0
3821	-431.5	-496.3	-1421.5	-124.6	43.5	770.2	0.0331	0.0462	0.0057				-0.04	-0.44	-1.86	
3822	-555.1	-569.3	-2174.7	-116.7	356.7	536.6	0.0331	0.0462	0.0057				-0.41	-0.48	-2.41	
3823	-708.4	-612.3	-2754.7	-98.2	-74.0	225.5	0.0331	0.0462	0.0057				-0.53	-0.77	-2.78	
3824	-691.3	-513.3	-2039.3	-40.2	-619.7	445.3	0.0331	0.0462	0.0057				-0.24	-0.63	-2.37	
3825	-496.5	-286.4	-928.7	-30.1	-681.8	382.6	0.0331	0.0462	0.0022	4.88	3.49	72.26	0.00	-0.53	-1.66	0.0
3826	-257.7	-125.9	-461.1	-78.1	-234.5	72.1	0.0331	0.0462	0.0022				-0.01	-0.22	-0.62	
3827	-138.9	-75.8	-253.1	-88.5	-153.2	25.3	0.0331	0.0462	0.0022	1.10	0.79	16.31	0.00	-0.18	-0.40	0.0
3828	-223.7	-58.2	-204.5	-73.2	58.4	18.5	0.0331	0.0462	0.0022				-0.03	-0.16	-0.29	
3829	-186.1	-67.9	-211.8	-88.1	72.6	28.7	0.0331	0.0462	0.0022				-0.02	-0.14	-0.30	
3830	-165.2	-80.6	-240.3	-102.2	95.6	51.4	0.0331	0.0462	0.0022				-0.01	-0.13	-0.35	
3831	-180.2	-106.7	-329.6	-124.9	154.0	81.9	0.0331	0.0462	0.0022				-0.01	-0.13	-0.48	
3832	-303.8	-261.3	-809.8	-122.7	352.5	382.9	0.0331	0.0462	0.0057				-0.04	-0.17	-1.17	
3833	-495.9	-390.7	-1211.4	-95.0	-112.5	616.9	0.0331	0.0462	0.0057				-0.02	-0.53	-1.54	
3834	-479.0	-241.1	-848.3	-98.6	-471.9	254.2	0.0331	0.0462	0.0022	1.15	0.82	16.98	0.00	-0.45	-1.23	0.0
3835	-286.4	-90.7	-421.5	-111.2	-153.4	-14.1	0.0331	0.0462	0.0022				-0.03	-0.23	-0.53	
3836	-178.9	-64.2	-208.1	-104.7	-96.4	-18.9	0.0331	0.0462	0.0022	0.12	0.09	1.77	0.00	-0.14	-0.32	0.0
3837	-100.1	-46.3	-98.9	-101.0	26.1	-55.3	0.0331	0.0462	0.0022	1.65	1.18	24.43	0.00	-0.17	-0.23	0.0
3838	19.9	-19.6	38.9	-50.6	77.4	-40.7	0.0331	0.0462	0.0022	4.05	2.90	60.05	0.00	-0.17	-0.19	0.0
3839	15.8	-25.0	40.8	-57.0	81.9	-41.5	0.0331	0.0462	0.0022	4.23	3.03	62.64	0.00	-0.18	-0.21	0.0
3840	7.7	-29.7	40.6	-65.3	85.6	-42.7	0.0331	0.0462	0.0022	4.34	3.11	64.35	0.00	-0.19	-0.23	0.0
3841	29.1	-26.0	-42.0	-67.4	55.1	-54.3	0.0331	0.0462	0.0022	3.39	2.43	50.17	0.00	-0.17	-0.20	0.0
3842	21.8	-31.4	-41.2	-72.7	54.3	-54.3	0.0331	0.0462	0.0022	3.34	2.39	49.49	0.00	-0.18	-0.20	0.0
3843	10.2	-33.9	-39.9	-78.0	54.7	-51.9	0.0331	0.0462	0.0022	3.24	2.32	48.03	0.00	-0.18	-0.20	0.0
3844	15.3	-37.3	-109.2	-74.7	-23.7	-42.6	0.0331	0.0462	0.0022	2.06	1.48	30.59	0.00	-0.12	-0.22	0.0
3845	8.6	-41.0	-107.0	-80.1	-24.5	-43.3	0.0331	0.0462	0.0022	2.05	1.47	30.38	0.00	-0.12	-0.22	0.0
3846	-2.7	-41.5	-101.9	-84.4	-24.1	-41.1	0.0331	0.0462	0.0022	1.96	1.40	29.02	0.00	-0.12	-0.22	0.0
3847	-49.8	-38.2	-28.5	-90.9	56.8	-54.0	0.0331	0.0462	0.0022	2.91	2.08	43.06	0.00	-0.17	-0.23	0.0
3848	-64.7	-48.1	-149.6	-89.4	-48.3	-44.8	0.0331	0.0462	0.0022	1.01	0.72	14.96	0.00	-0.12	-0.25	0.0
3849	-106.3	-63.9	-244.7	-73.6	-119.9	26.2	0.0331	0.0462	0.0022	0.84	0.60	12.44	0.00	-0.16	-0.34	0.0
3850	-21.4	-33.8	7.6	-81.9	79.9	-50.9	0.0331	0.0462	0.0022	3.86	2.76	57.13	0.00	-0.19	-0.24	0.0
3851	-30.8	-38.1	-94.3	-87.6	28.2	-45.6	0.0331	0.0462	0.0022	2.11	1.51	31.24	0.00	-0.17	-0.20	0.0
3852	-57.1	-50.0	-174.5	-83.9	-73.5	-13.6	0.0331	0.0462	0.0022	1.18	0.85	17.55	0.00	-0.13	-0.26	0.0
3853	-5.1	-32.5	31.5	-74.7	85.6	-43.4	0.0331	0.0462	0.0022	4.22	3.02	62.51	0.00	-0.18	-0.24	0.0
3854	-7.4	-35.7	-55.4	-84.2	46.8	-48.8	0.0331	0.0462	0.0022	2.84	2.04	42.12	0.00	-0.18	-0.20	0.0
3855	-22.9	-43.9	-122.2	-85.5	-36.1	-31.6	0.0331	0.0462	0.0022	1.60	1.15	23.71	0.00	-0.13	-0.22	0.0
3864	-207.5	-8.7	-409.0	77.8	-324.3	105.9	0.0290	0.0406	0.0127	1.08	0.77	2.47	0.00	-0.01	-0.71	0.0
3915	-39.0	-127.0	-588.7	43.6	-48.4	367.7	0.0388	0.0358	0.0127	2.02	2.19	6.16	0.00	-0.11	-0.88	0.0
3916	-51.4	-117.6	-602.4	35.9	61.7	360.9	0.0386	0.0358	0.0127	2.57	2.78	7.83	0.00	-0.17	-0.90	0.0
3917	-62.4	-111.5	-656.2	24.3	91.0	366.2	0.0383	0.0360	0.0127	2.55	2.72	7.70	0.00	-0.18	-0.94	0.0
3918	-59.0	-110.1	-789.1	-16.0	126.4	397.4	0.0379	0.0362	0.0127	2.23	2.33	6.65	0.00	-0.14	-1.07	0.0
3919	43.1	-51.6	-916.1	-24.4	54.4	408.5	0.0373	0.0365	0.0127	2.98	3.04	8.73	0.00	-0.06	-1.19	0.0
3920	144.8	30.1	-950.5	51.0	-161.6	360.9	0.0366	0.0369	0.0161	4.60	4.56	10.43	0.00	-0.02	-1.26	0.0
3921	65.1	5.6	-894.1	97.2	-291.8	301.5	0.0357	0.0373	0.0127	4.19	4.01	11.77	0.00	-0.05	-1.22	0.0
3922	-41.6	-23.0	-698.1	88.1	-392.9	211.9	0.0348	0.0377	0.0127	4.11	3.79	11.25	0.00	-0.11	-1.08	0.0
3923	-63.6	1.5	-473.4	69.0	-353.6	122.2	0.0338	0.0383	0.0127	4.15	3.66	11.03	0.00	-0.11	-0.85	0.0
3924	-64.5	14.2	-298.4	52.8	-300.7	68.0	0.0327	0.0388	0.0127	4.33	3.65	11.13	0.00	-0.11	-0.66	0.0
3925	-13.3	39.3	34.2	22.0	-93.5	-84.5	0.0125	0.0422	0.0127	12.96	3.83	12.72	0.00	-0.17	-0.26	0.0
3926	-12.9	37.6	24.6	23.5	-109.5	-80.9	0.0136	0.0416	0.0127	12.14	3.96	12.99	0.00	-0.17	-0.28	0.0
3927	-12.5	35.9	8.7	25.0	-129.3	-76.5	0.0147	0.0411	0.0127	11.47	4.12	13.31	0.00	-0.17	-0.31	0.0
3933	-151.6	11.1	-273.5	57.5	-249.7	67.4	0.0152	0.0409	0.0127	2.98	1.11	3.56	0.00	-0.02	-0.53	0.0
3934	-50.6	23.0	-174.1	37.8	-242.6	32.9	0.0316	0.0394	0.0127	4.40	3.53	10.92	0.00	-0.11	-0.51	0.0
3937	-34.5	26.9	-89.1	30.1	-195.3	-49.9	0.0305	0.0399	0.0127	5.22	3.98	12.50	0.00	-0.15	-0.42	0.0
3940	-19.5	32.2	-26.8	26.5	-157.7	-66.6	0.0159	0.0405	0.0127	10.50	4.12	13.14	0.00	-0.16	-0.35	0.0
3942	-157.6	2.8	-317.0	64.4	-275.3	83.6	0.0293	0.0405	0.0127	1.68	1.22	3.88	0.00	-0.03	-0.59	0.0
3951	-107.5	35.0	-568.7	66.9	-407.5	136.4	0.0287	0.0229	0.0127	4.59	5.75	10.37	0.00	-0.07	-0.96	0.0
4002	75.5	-75.0	-928.5	50.3	-97.7	385.3	0.0388	0.0179	0.0127	2.39	5.19	7.31	0.00	-0.03	-1.18	0.0
4003	62.3	-66.5	-926.6	53.8	-104.8	367.8	0.0386	0.0180	0.0127	2.23	4.80	6.78	0.00	-0.03	-1.16	0.0
4004	62.5	-58.3	-947.4	56.0	-112.1	353.4	0.0383	0.0181	0.0127	2.28	4.81	6.87	0.00	-0.03	-1.17	0.0
4005	83.1	-45.9	-972.2	63.8	-141.5	336.3	0.0379	0.0184	0.0127	2.89	5.96	8.61	0.00	-0.05	-1.21	0.0
4006	88.9	-42.5	-982.4	82.8	-186.1	308.5	0.0372	0.0187	0.0127	3.52	7.02	10.31	0.00	-0.09	-1.24	0.0
4007	77.0	-43.6	-965.7	89.2	-238.1	274.5	0.0365	0.0190	0.0127	3.74	7.17	10.74	0.00	-0.11	-1.23	0.0
4008	81.1	-15.9	-909.7	90.5	-290.7	234.3	0.0356	0.0195	0.0127	4.64	8.49	13.01	0.00	-0.13	-1.21	0.0
4009	64.4	10.6	-824.8	95.4	-332.6	188.5	0.0347	0.0200	0.0127	5.26	9.14	14.34	0.00	-0.13	-1.16	0.0
4010	28.0	20.4	-710.6	91.6	-360.4	140.2	0.0336	0.0205	0.0127	5.42	8.90	14.34	0.00	-0.14	-1.07	0.0
4011	4.7	32.3	-584.5	81.7	-355.7	95.1	0.0325	0.0210	0.0127	5.55	8.57	14.19	0.00	-0.14	-0.95	0.0
4012	-19.7	56.7	-158.4	37.5	-211.3	-113.0	0.0121	0.0245	0.0127	16.69	8.24	15.90	0.00	-0.20	-0.53	0.0
4013	-17.9	55.0	-193.4	40.8	-229.7	-106.5	0.0133	0.0240	0.0127	15.32	8.48	15.98	0.00	-0.20	-0.57	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
4014	-15.8	53.8	-237.0	45.2	-250.9	-98.2	0.0144	0.0234	0.0127	14.24	8.78	16.15	0.00	-0.20	-0.61	0.0
4020	-86.5	39.6	-446.9	61.6	-361.9	102.8	0.0148	0.0232	0.0127	9.29	5.94	10.83	0.00	-0.08	-0.83	0.0
4021	-8.7	40.9	-472.0	71.3	-335.5	60.2	0.0313	0.0216	0.0127	5.65	8.19	13.93	0.00	-0.14	-0.84	0.0
4024	-14.5	47.7	-377.7	61.2	-308.8	-54.9	0.0302	0.0222	0.0127	6.75	9.17	16.02	0.00	-0.20	-0.76	0.0
4027	-15.4	52.2	-297.3	52.1	-278.6	-82.2	0.0156	0.0228	0.0127	13.24	9.06	16.24	0.00	-0.20	-0.68	0.0
4029	-82.8	37.3	-493.6	66.7	-378.4	115.6	0.0156	0.0228	0.0127	9.13	6.25	11.20	0.00	-0.08	-0.88	0.0
4038	-58.4	26.9	-664.0	70.9	-414.2	142.2	0.0150	0.0231	0.0127	10.15	6.58	11.95	0.00	-0.10	-1.05	0.0
4089	110.7	-88.6	-1105.1	47.1	-123.0	390.1	0.0388	0.0179	0.0127	3.19	6.92	9.74	0.00	-0.08	-1.37	0.0
4090	98.9	-80.6	-1085.6	57.1	-151.8	371.3	0.0386	0.0180	0.0127	3.09	6.64	9.39	0.00	-0.08	-1.35	0.0
4091	92.9	-71.1	-1069.4	65.8	-181.5	350.7	0.0383	0.0181	0.0127	3.19	6.74	9.62	0.00	-0.08	-1.33	0.0
4092	86.9	-61.0	-1052.6	74.2	-212.8	327.5	0.0378	0.0184	0.0127	3.38	6.95	10.05	0.00	-0.09	-1.32	0.0
4093	82.3	-47.1	-1030.2	80.3	-246.7	302.4	0.0372	0.0187	0.0127	3.68	7.33	10.78	0.00	-0.10	-1.31	0.0
4094	76.2	-29.4	-996.6	87.9	-282.7	272.9	0.0364	0.0191	0.0127	4.11	7.84	11.77	0.00	-0.11	-1.29	0.0
4095	59.7	-16.2	-949.7	93.5	-315.1	237.7	0.0355	0.0195	0.0127	4.37	7.94	12.20	0.00	-0.12	-1.25	0.0
4096	42.8	-2.2	-888.9	93.5	-339.4	199.6	0.0345	0.0200	0.0127	4.62	7.96	12.54	0.00	-0.12	-1.20	0.0
4097	27.2	13.6	-818.7	89.8	-353.7	161.6	0.0334	0.0206	0.0127	4.87	7.91	12.81	0.00	-0.12	-1.14	0.0
4098	10.1	25.8	-742.6	83.4	-358.4	125.0	0.0323	0.0211	0.0127	5.01	7.65	12.73	0.00	-0.12	-1.07	0.0
4099	-27.1	53.8	-377.7	41.3	-269.4	-114.6	0.0118	0.0247	0.0127	15.84	7.54	14.65	0.00	-0.19	-0.72	0.0
4100	-24.9	52.4	-420.6	45.2	-285.1	-103.5	0.0129	0.0241	0.0127	14.36	7.69	14.60	0.00	-0.19	-0.76	0.0
4101	-22.0	51.0	-469.3	50.3	-302.0	-89.7	0.0141	0.0235	0.0127	13.17	7.89	14.62	0.00	-0.19	-0.81	0.0
4107	-52.3	31.8	-584.9	66.6	-384.2	112.1	0.0145	0.0233	0.0127	10.32	6.40	11.75	0.00	-0.10	-0.96	0.0
4108	-3.2	36.0	-666.5	75.0	-352.8	93.2	0.0311	0.0217	0.0127	5.10	7.30	12.49	0.00	-0.12	-0.99	0.0
4111	-12.7	43.3	-594.6	66.3	-340.1	66.7	0.0165	0.0223	0.0127	9.34	6.90	12.13	0.00	-0.11	-0.92	0.0
4114	-18.2	48.8	-527.1	57.7	-321.5	-68.8	0.0153	0.0229	0.0127	12.19	8.13	14.68	0.00	-0.19	-0.87	0.0
4116	-47.0	29.2	-624.4	70.9	-392.4	122.6	0.0153	0.0229	0.0127	9.95	6.63	11.97	0.00	-0.10	-1.00	0.0
4125	-34.5	13.1	-745.6	66.9	-400.9	150.0	0.0146	0.0233	0.0127	9.96	6.27	11.47	0.00	-0.10	-1.10	0.0
4176	105.3	-78.7	-1176.8	41.6	-131.4	386.1	0.0388	0.0179	0.0127	3.06	6.64	9.34	0.00	-0.08	-1.43	0.0
4177	93.6	-71.3	-1150.6	51.6	-168.2	368.3	0.0386	0.0180	0.0127	3.00	6.46	9.13	0.00	-0.07	-1.40	0.0
4178	82.6	-62.7	-1124.3	59.8	-202.3	347.9	0.0383	0.0181	0.0127	3.02	6.38	9.11	0.00	-0.07	-1.38	0.0
4179	72.8	-52.7	-1096.8	66.4	-234.7	325.3	0.0378	0.0184	0.0127	3.13	6.43	9.31	0.00	-0.08	-1.35	0.0
4180	62.8	-42.2	-1066.1	72.0	-265.6	300.1	0.0371	0.0187	0.0127	3.30	6.54	9.63	0.00	-0.08	-1.33	0.0
4181	51.5	-31.5	-1030.9	75.8	-293.6	272.6	0.0363	0.0191	0.0127	3.48	6.62	9.95	0.00	-0.09	-1.30	0.0
4182	40.3	-19.2	-990.1	77.7	-317.7	243.5	0.0354	0.0196	0.0127	3.70	6.70	10.32	0.00	-0.09	-1.27	0.0
4183	27.4	-7.2	-943.8	78.0	-336.8	213.3	0.0344	0.0201	0.0127	3.90	6.67	10.54	0.00	-0.10	-1.23	0.0
4184	14.0	3.9	-892.8	76.1	-349.1	182.8	0.0333	0.0207	0.0127	4.05	6.52	10.59	0.00	-0.10	-1.18	0.0
4185	2.0	14.5	-838.5	72.0	-354.2	153.2	0.0321	0.0212	0.0127	4.17	6.30	10.53	0.00	-0.09	-1.13	0.0
4186	-31.9	41.0	-549.9	39.9	-297.9	-98.8	0.0114	0.0249	0.0127	13.81	6.35	12.42	0.00	-0.16	-0.85	0.0
4187	-29.6	40.0	-589.5	43.4	-310.1	-84.6	0.0126	0.0243	0.0127	12.44	6.46	12.34	0.00	-0.16	-0.89	0.0
4188	-26.5	38.5	-632.5	47.8	-322.4	70.9	0.0138	0.0237	0.0127	8.43	4.92	9.16	0.00	-0.07	-0.90	0.0
4194	-36.0	18.8	-695.2	63.0	-379.9	126.0	0.0142	0.0235	0.0127	9.72	5.86	10.83	0.00	-0.10	-1.03	0.0
4195	-8.2	23.5	-784.2	66.5	-352.8	126.8	0.0175	0.0219	0.0127	7.52	6.00	10.33	0.00	-0.09	-1.07	0.0
4198	-16.4	30.4	-731.4	60.4	-346.4	103.9	0.0162	0.0225	0.0127	7.84	5.67	10.03	0.00	-0.09	-1.01	0.0
4201	-22.2	35.9	-679.8	53.8	-335.2	84.5	0.0150	0.0231	0.0127	8.15	5.30	9.63	0.00	-0.08	-0.95	0.0
4203	-30.7	16.2	-726.9	65.8	-384.1	135.6	0.0150	0.0231	0.0127	9.33	6.06	11.00	0.00	-0.10	-1.06	0.0
4212	-21.6	1.4	-808.2	58.4	-379.4	160.3	0.0143	0.0234	0.0127	9.19	5.63	10.38	0.00	-0.10	-1.12	0.0
4263	86.6	-70.2	-1180.9	36.5	-130.6	371.4	0.0388	0.0179	0.0127	2.58	5.59	7.86	0.00	-0.06	-1.41	0.0
4264	76.1	-63.9	-1155.3	44.7	-167.6	355.3	0.0386	0.0180	0.0127	2.55	5.49	7.76	0.00	-0.06	-1.38	0.0
4265	65.4	-56.5	-1128.7	51.2	-201.9	336.6	0.0383	0.0181	0.0127	2.58	5.45	7.78	0.00	-0.06	-1.36	0.0
4266	54.6	-48.4	-1101.1	56.3	-233.2	316.1	0.0377	0.0184	0.0127	2.66	5.45	7.89	0.00	-0.06	-1.33	0.0
4267	44.2	-39.9	-1071.9	59.9	-261.4	294.1	0.0371	0.0187	0.0127	2.77	5.48	8.09	0.00	-0.07	-1.31	0.0
4268	34.0	-31.2	-1040.7	62.2	-286.2	271.0	0.0363	0.0192	0.0127	2.92	5.52	8.33	0.00	-0.07	-1.29	0.0
4269	23.8	-22.6	-1007.2	63.5	-307.1	247.3	0.0353	0.0196	0.0127	3.08	5.53	8.54	0.00	-0.07	-1.26	0.0
4270	13.9	-13.9	-971.4	63.6	-323.6	223.3	0.0342	0.0202	0.0127	3.23	5.49	8.71	0.00	-0.08	-1.23	0.0
4271	4.1	-5.1	-933.5	62.5	-335.3	199.5	0.0331	0.0207	0.0127	3.38	5.39	8.79	0.00	-0.08	-1.19	0.0
4272	-5.2	3.2	-893.9	60.2	-342.0	176.5	0.0319	0.0213	0.0127	3.49	5.21	8.75	0.00	-0.07	-1.15	0.0
4273	-34.8	25.9	-671.9	37.1	-311.1	91.8	0.0111	0.0250	0.0127	8.26	3.67	7.23	0.00	-0.05	-0.90	0.0
4274	-32.6	25.4	-704.5	39.9	-319.9	98.8	0.0123	0.0244	0.0127	7.75	3.90	7.51	0.00	-0.06	-0.94	0.0
4275	-29.6	24.1	-739.3	43.3	-328.0	107.8	0.0135	0.0238	0.0127	7.31	4.15	7.77	0.00	-0.06	-0.98	0.0
4281	-27.3	6.8	-775.0	55.5	-366.0	143.1	0.0139	0.0236	0.0127	8.81	5.16	9.61	0.00	-0.09	-1.07	0.0
4282	-13.3	10.8	-854.1	56.7	-343.8	155.7	0.0172	0.0220	0.0127	6.35	4.98	8.61	0.00	-0.07	-1.11	0.0
4285	-20.1	16.8	-815.0	52.6	-341.6	137.0	0.0160	0.0226	0.0127	6.66	4.72	8.39	0.00	-0.07	-1.07	0.0
4288	-25.4	21.7	-776.2	47.9	-335.7	120.5	0.0148	0.0232	0.0127	6.97	4.43	8.09	0.00	-0.06	-1.03	0.0
4290	-22.4	4.7	-799.6	57.1	-367.6	151.4	0.0147	0.0232	0.0127	8.43	5.34	9.75	0.00	-0.09	-1.10	0.0
4299	-17.3	-7.7	-851.5	51.5	-359.6	173.7	0.0141	0.0146	0.0127	8.39	8.07	9.28	0.00	-0.09	-1.14	0.0
4350	70.2	-65.6	-1146.5	32.4	-126.1	359.8	0.0388	0.0158	0.0127	2.15	5.29	6.58	0.00	-0.04	-1.35	0.0
4351	61.5	-60.2	-1123.7	38.6	-161.4	345.5	0.0386	0.0159	0.0127	2.18	5.31	6.63	0.00	-0.04	-1.33	0.0
4352	52.0	-53.8	-1100.4	43.8	-194.3	329.2	0.0383	0.0092	0.0127	2.25	9.32	6.76	0.00	-0.05	-1.31	0.0
4353	42.3	-47.0	-1076.5	47.9	-224.2	311.4	0.0377	0.0095	0.0127	2.34	9.30	6.94	0.00	-0.05	-1.29	0.0
4354	32.7	-40.0	-1052.0	50.8	-250.8	292.6	0.0370	0.0098	0.0127	2.46	9.25	7.16	0.00	-0.06	-1.28	0.0
4355	23.6	-33.0	-1027.0	52.8	-273.9	273.4	0.0362	0.0103	0.0127	2.59	9.15	7.38	0.00	-0.06	-1.26	0.0
4356	14.9	-25.8	-1001.2	53.8	-293.5	254.0	0.0352	0.0107	0.0127	2.74	8.98	7.59	0.00	-0.06	-1.24	0.0
4357	6.4	-18.8	-974.6	54.0	-309.3	234.8	0.0341	0.0113	0.0127	2.88	8.72	7.74	0.00	-0.07	-1.22	0.0
4358	-1.7	-11.8	-947.1	53.4	-321.2	215.9	0.0329	0.0119	0.0127	3.02	8.37	7.82	0.00	-0.07	-1.19	0.0
4359	-9.3	-5.1	-918.6	51.8	-329.2	197.6	0.0317	0.0125	0.0127	3.14	7.95	7.82	0.00	-0.07	-1.16	0.0
4360	-36.4	12.6	-753.7	35.0	-317.8	124.7	0.0108	0.0162	0.0127	7.98	5.33	6.80	0.00	-0.06	-0.98	0.0
4361	-33.9	12.5	-778.7	37.2	-323.5	131.8	0.0120	0.0156	0.0127	7.42	5.70	7.02	0.00	-0.06	-1.01	0.0
4362	-30.9	11.6	-805.3	39.8	-328.2	140.6	0.0133	0.0150	0.0127	6.91	6.09	7.20	0.00	-0.06	-1.04	0.0
4368	-24.0	-2.7	-828.9	49.1	-351.8	161.7	0.0136	0.0149	0.0127	8.06	7.37	8.62	0.00	-0.08	-1.10	0.0
4369	-16.1	1.0	-890.0	49.5	-333.3	181.0	0.0170	0.0131	0.0127	5.78	7.49	7.74	0.00	-0.07	-1.13	0.0
4372	-22.0	5.8	-861.6	46.7	-334.2	165.7	0.0158	0.0138	0.0127	6.13	7.02	7.60	0.00	-0.06	-1.10	0.0
4375	-26.9	9.7	-833.0	43.2	-332.1	152.0	0.0145	0.0144	0.0127	6.49	6.54	7.41	0.00	-0.06	-1.07	0.0
4377	-19.7	-4.4	-847.4	50.1	-351.6	168.9	0.0144	0.0144	0.0127	7.69	7.69	8.73	0.00	-0.09	-1.12	0.0
4386	-16.8	-14.1	-881.5	47.4	-346.3	190.4	0.0138	0.0148	0.0127	7.88	7.36	8.55	0.00	-0.09	-1.15	0.0
4437	58.6	-63.6	-1100.3	29.3	-120.6	356.8	0.0388	0.0089	0.0127	1.88	8.15	5.74	0.00	-0.03	-1.30	0.0
4438	51.4	-58.7	-1081.0	33.7	-154.3	344.1	0.0386	0.0090	0.0127	1.98	8.45	6.01	0.00	-0.04	-1.28	0.0
4439	43.4	-53.1	-1061.7	38.0	-185.9	329.7	0.0382	0.0092	0.0127	2.10	8.69	6.31	0.00	-0.04	-1.27	0.0
4440	35.1	-47.1	-1042.5	41.7	-214.8	314.1	0.0377	0.0095	0.0127	2.22	8.81	6.59	0.00	-0.05	-1.26	0.0
4441	26.8	-40.8	-1023.5	44.5	-240.6	297.9	0.0370	0.0099	0.0127	2.36	8.84	6.86	0.00	-0.06	-1.24	0.0
4442	18.7	-34.5	-1004.7	46.5	-263.0	281.4	0.0361	0.0103	0.0127	2.50	8.78	7.11	0.00	-0.06	-1.23	0.0
4443	11.0	-28.2	-985.8	47.7	-282.1	264.9	0.0351	0.0108	0.0127	2.65	8.62	7.32	0.00	-0.06	-1.22	0.0
4444	3.5	-22.1	-966.8	48.1	-297.8	248.6	0.0340	0.0114	0.0127	2.79	8.37	7.47	0.00	-0.07	-1.20	0.0
4445	-3.6	-16.1	-947.4	47.8	-310.1	232.6	0.0328	0.0120	0.0127	2.93	8.04	7.56	0.00	-0.07	-1.19	0.0
4446	-10.3	-10.6	-927.3	46.7	-319.0	217.3	0.0181	0.0126	0.0127	5.32	7.66	7.59	0.00	-0.07	-1.17	0.0
4447	-36.1	2.7	-806.8	33.9	-321.2	152.7	0.0106	0.0164	0.0127	8.23	5.31	6.84	0.00	-0.07	-1.04	0.0
4448	-33.3	3.1	-825.1	35.7	-324.4	159.8	0.0118	0.0158	0.0127	7.60	5.66	7.03	0.00	-0.07	-1.06	0.0
4449	-30.2	2.6	-844.7	37.7	-326.6	168.2	0.0130	0.0151	0.0127	7.02	6.02	7.18	0.00	-0.07	-1.08	0.0
4455	-22.8	-9.6	-865.4	45.0	-342.1	181.8	0.0133	0.0150	0.0127	7.73	6.86	8.09	0.00	-0.08	-1.12	0.0
4456	-16.3	-5.5	-906.8	45.0	-324.6	203.4	0.0168	0.0132	0.0127	5.71	7.26	7.56	0.00	-0.07	-1.15	0.0
4459	-21.6	-1.8	-886.3	42.9	-327.4	190.4	0.0155	0.0139	0.0127	6.10	6.83	7.46	0.00	-0.07	-1.13	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
4462	-26.2	1.2	-865.2	40.3	-327.7	178.6	0.0143	0.0145	0.0127	6.54	6.42	7.33	0.00	-0.07	-1.10	0.0
4464	-18.9	-10.9	-878.9	45.7	-340.7	188.3	0.0142	0.0146	0.0127	7.34	7.14	8.18	0.00	-0.08	-1.14	0.0
4465	41.7	7.0	28.8	-40.2	68.8	-55.0	0.0331	0.0462	0.0022	4.19	3.00	62.01	0.00	-0.16	-0.18	0.0
4466	84.4	1.8	-34.8	-65.2	63.4	-26.1	0.0331	0.0462	0.0022	4.41	3.16	65.34	0.00	-0.18	-0.21	0.0
4467	93.3	-5.2	-71.2	-87.6	29.0	-17.9	0.0331	0.0462	0.0022	4.53	3.24	67.06	0.00	-0.21	-0.23	0.0
4468	37.7	-28.6	-128.0	-110.0	-69.9	-23.2	0.0331	0.0462	0.0022	3.83	2.75	56.80	0.00	-0.19	-0.31	0.0
4469	-148.0	-92.9	-290.8	-136.4	-275.3	-32.5	0.0331	0.0462	0.0022	3.25	2.33	48.19	0.00	-0.22	-0.64	0.0
4470	-693.7	-348.4	-1400.3	-187.9	-1038.1	-240.9	0.0331	0.0462	0.0057	1.51	1.08	8.84	0.00	-0.35	-2.24	0.0
4471	-1053.6	-620.9	-2951.7	-207.1	-386.4	-270.0	0.0331	0.0462	0.0057				-0.53	-1.03	-3.07	
4472	-1117.1	-518.8	-2344.4	-213.2	302.3	-64.6	0.0331	0.0462	0.0057				-0.44	-1.13	-2.41	
4473	-1705.2	-589.6	-2472.5	-234.4	-1516.0	170.7	0.0331	0.0462	0.0057				-0.27	-0.85	-3.65	
4474	-653.2	-632.7	-3989.1	144.1	-935.9	427.2	0.0331	0.0462	0.0055				-0.40	-0.58	-4.29	
4475	-676.7	-881.6	-3841.6	131.6	-193.6	1245.4	0.0331	0.0462	0.0055				-0.41	-0.68	-4.31	
4476	-703.8	-1199.4	-3564.4	219.7	-493.4	2205.5	0.0331	0.0462	0.0055	3.81	2.73	23.11	0.00	-0.77	-5.08	0.0
4477	-768.8	-1459.7	-3954.0	271.1	-528.2	2605.8	0.0331	0.0462	0.0055	5.59	4.00	33.94	0.00	-0.89	-5.85	0.0
4478	-842.0	-1669.0	-4307.9	310.1	-542.8	2878.8	0.0331	0.0462	0.0055	5.42	3.88	32.89	0.00	-0.95	-6.41	0.0
4479	-929.3	-1830.6	-4638.8	340.7	-545.9	3103.2	0.0331	0.0462	0.0055	5.18	3.71	31.43	0.00	-1.03	-6.88	0.0
4480	-1018.8	-1962.8	-4948.8	379.8	-541.5	3302.0	0.0331	0.0462	0.0055	5.09	3.65	30.91	0.00	-1.12	-7.32	0.0
4481	37.8	8.5	28.6	-39.5	64.5	-55.0	0.0331	0.0462	0.0022	4.03	2.89	59.75	0.00	-0.15	-0.17	0.0
4482	79.3	5.5	-33.7	-66.6	61.9	-28.3	0.0331	0.0462	0.0022	4.36	3.12	64.57	0.00	-0.18	-0.21	0.0
4483	88.6	0.2	-68.0	-90.5	30.0	-21.0	0.0331	0.0462	0.0022	4.57	3.27	67.69	0.00	-0.21	-0.23	0.0
4484	36.2	-21.4	-123.2	-115.3	-67.0	-20.8	0.0331	0.0462	0.0022	4.01	2.87	59.48	0.00	-0.20	-0.31	0.0
4485	-142.1	-84.5	-271.5	-146.9	-259.0	-34.1	0.0331	0.0462	0.0022	3.39	2.42	50.16	0.00	-0.21	-0.62	0.0
4486	-686.5	-338.7	-1373.9	-183.4	-1036.6	40.9	0.0331	0.0462	0.0057	3.82	2.73	22.32	0.00	-0.53	-2.25	0.0
4487	-1046.5	-615.0	-2943.6	-190.8	-377.7	254.8	0.0331	0.0462	0.0057				-0.48	-1.09	-3.04	
4488	-1089.0	-516.9	-2321.8	-205.2	330.4	263.7	0.0331	0.0462	0.0057				-0.44	-1.04	-2.45	
4489	-1627.7	-584.4	-2383.7	-217.2	-1435.7	198.1	0.0331	0.0462	0.0057				-0.26	-0.85	-3.49	
4490	-570.5	-664.7	-3957.8	135.0	-890.1	432.6	0.0331	0.0462	0.0055				-0.35	-0.61	-4.23	
4491	-495.3	-675.7	-3101.2	-37.6	708.9	743.8	0.0331	0.0462	0.0055				-0.23	-0.57	-3.47	
4492	-266.0	-594.0	-1521.2	94.7	-128.2	1073.6	0.0331	0.0462	0.0055	3.39	2.42	20.54	0.00	-0.37	-2.35	0.0
4493	-230.0	-733.4	-1539.3	133.8	-253.2	1363.7	0.0331	0.0462	0.0055	8.75	6.27	53.11	0.00	-0.49	-2.88	0.0
4494	-257.1	-844.0	-1636.8	167.8	-277.2	1528.3	0.0331	0.0462	0.0055	10.30	7.38	62.50	0.00	-0.56	-3.20	0.0
4495	-306.2	-934.0	-1753.3	198.8	-277.5	1651.9	0.0331	0.0462	0.0055	10.84	7.76	65.75	0.00	-0.62	-3.45	0.0
4496	-359.6	-1008.8	-1867.2	231.7	-271.4	1755.0	0.0331	0.0462	0.0055	11.15	7.98	67.66	0.00	-0.69	-3.66	0.0
4497	-7.9	55.6	48.7	-33.8	34.7	-101.9	0.0054	0.0458	0.0127	31.19	3.66	13.17	0.00	-0.19	-0.22	0.0
4513	-9.0	55.4	49.8	-32.4	32.0	-103.3	0.0051	0.0459	0.0127	33.17	3.65	13.19	0.00	-0.19	-0.22	0.0
4529	-26.6	67.0	-71.3	-33.7	-97.5	-105.1	0.0053	0.0279	0.0127	23.71	4.52	9.93	0.00	-0.09	-0.32	0.0
4545	-27.2	67.1	-63.8	-32.2	-92.3	-108.8	0.0050	0.0281	0.0127	26.10	4.67	10.32	0.00	-0.10	-0.32	0.0
4561	-39.4	54.8	-276.4	-30.5	-175.2	-101.4	0.0053	0.0279	0.0127	17.06	3.22	7.08	0.00	-0.05	-0.48	0.0
4577	-39.4	55.0	-262.5	-29.5	-167.9	-105.8	0.0050	0.0281	0.0127	18.82	3.35	7.40	0.00	-0.06	-0.47	0.0
4593	-48.2	34.2	-482.5	-27.7	-231.5	-101.3	0.0052	0.0280	0.0127	12.67	2.37	5.22	0.00	-0.03	-0.67	0.0
4609	-47.8	34.2	-464.7	-27.1	-223.5	-104.8	0.0050	0.0281	0.0127	13.67	2.42	5.34	0.00	-0.03	-0.65	0.0
4625	-53.9	14.2	-653.7	-25.8	-272.7	-106.0	0.0052	0.0280	0.0127	11.21	2.08	4.59	0.00	-0.04	-0.83	0.0
4641	-53.3	14.0	-634.2	-25.5	-264.9	-107.6	0.0049	0.0281	0.0127	11.61	2.04	4.52	0.00	-0.04	-0.81	0.0
4657	-57.5	-1.8	-783.4	26.6	-303.8	-113.6	0.0052	0.0191	0.0127	18.97	5.14	7.71	0.00	-0.13	-1.00	0.0
4673	-56.9	-2.2	-763.9	27.1	-296.7	-113.2	0.0049	0.0192	0.0127	19.72	5.06	7.64	0.00	-0.13	-0.98	0.0
4689	-60.2	-13.7	-877.4	28.8	-329.1	-122.8	0.0051	0.0191	0.0127	19.57	5.26	7.90	0.00	-0.15	-1.11	0.0
4705	-59.8	-14.1	-858.8	29.2	-322.9	-120.4	0.0049	0.0192	0.0127	20.20	5.16	7.79	0.00	-0.15	-1.08	0.0
4721	44.8	-74.5	41.7	10.0	-90.6	-30.2	0.0331	0.0462	0.0140	4.16	2.98	9.86	0.00	-0.18	-0.22	0.0
4722	92.8	-77.2	-51.8	27.1	-78.2	6.7	0.0331	0.0462	0.0140	3.91	2.80	9.27	0.00	-0.20	-0.23	0.0
4723	86.9	-89.6	-95.3	44.5	-27.2	11.0	0.0331	0.0462	0.0140	3.04	2.17	7.19	0.00	-0.18	-0.22	0.0
4724	-6.9	-130.5	-156.1	66.8	107.3	11.5	0.0331	0.0462	0.0140	2.12	1.52	5.02	0.00	-0.22	-0.29	0.0
4725	-272.3	-229.0	-307.3	94.1	351.9	29.9	0.0331	0.0462	0.0140	2.65	1.90	6.28	0.00	-0.34	-0.73	0.0
4726	-1045.3	-538.6	-1500.9	127.3	1320.8	42.3	0.0331	0.0462	0.0057	2.78	1.99	16.24	0.00	-0.65	-2.71	0.0
4727	-1862.0	-907.1	-3323.8	167.5	933.8	192.6	0.0331	0.0462	0.0057				-0.81	-1.50	-3.78	
4728	-2746.2	-997.2	-3223.8	267.3	1003.0	146.2	0.0331	0.0462	0.0057				-0.91	-2.04	-4.02	
4729	-5048.6	-1878.3	-7234.0	399.0	5068.0	-350.9	0.0331	0.0462	0.0055				-0.95	-1.86	-11.35	
4730	-1388.1	-1904.6	-11549.9	-182.3	571.3	360.8	0.0331	0.0462	0.0055				-1.31	-1.94	-11.60	
4731	-1887.7	-1553.5	-7229.3	202.2	-2629.5	990.1	0.0331	0.0462	0.0055				-0.76	-1.46	-8.45	
4732	-999.1	-1043.0	-2885.0	178.2	-746.9	1535.5	0.0331	0.0462	0.0055				-0.11	-0.87	-3.94	
4733	-668.1	-1105.4	-2413.0	259.4	-364.7	1895.1	0.0331	0.0462	0.0055	7.42	5.31	45.01	0.00	-0.85	-4.07	0.0
4734	-526.2	-1116.9	-2206.2	285.6	-276.5	1953.6	0.0331	0.0462	0.0055	11.20	8.02	67.98	0.00	-0.85	-4.11	0.0
4735	-454.9	-1105.6	-2082.3	283.9	-260.7	1918.0	0.0331	0.0462	0.0055	11.80	8.45	71.57	0.00	-0.80	-4.01	0.0
4736	-407.4	-1072.7	-1975.0	263.7	-264.3	1844.5	0.0331	0.0462	0.0055	11.41	8.17	69.24	0.00	-0.74	-3.85	0.0
4737	44.7	-78.8	42.2	-13.4	-93.2	-27.3	0.0331	0.0462	0.0140	4.14	2.97	9.82	0.00	-0.17	-0.23	0.0
4738	92.9	-82.7	-52.9	-17.5	-79.0	12.8	0.0331	0.0462	0.0140	3.92	2.80	9.28	0.00	-0.21	-0.22	0.0
4739	86.7	-98.1	-99.2	27.7	-25.1	15.6	0.0331	0.0462	0.0140	2.82	2.02	6.69	0.00	-0.18	-0.21	0.0
4740	-11.6	-143.5	-164.6	44.2	116.1	10.8	0.0331	0.0462	0.0140	1.83	1.31	4.34	0.00	-0.21	-0.29	0.0
4741	-298.8	-244.8	-346.4	67.0	391.9	-14.4	0.0331	0.0462	0.0140	2.26	1.62	5.36	0.00	-0.32	-0.80	0.0
4742	-1068.0	-557.6	-1533.8	130.7	1305.1	-243.9	0.0331	0.0462	0.0057	0.92	0.66	5.39	0.00	-0.56	-2.69	0.0
4743	-1865.9	-925.6	-3306.8	196.3	934.1	-313.2	0.0331	0.0462	0.0057				-0.88	-1.41	-3.81	
4744	-2770.8	-1017.7	-3283.4	299.9	1046.7	-189.0	0.0331	0.0462	0.0057				-0.97	-1.96	-4.14	
4745	-5121.4	-1892.5	-7368.8	471.8	5151.5	-466.9	0.0331	0.0462	0.0055				-0.97	-1.85	-11.56	
4746	-1478.7	-1846.6	-11543.3	-200.6	649.6	337.9	0.0331	0.0462	0.0055				-1.37	-1.90	-11.60	
4747	-1727.2	-1925.7	-8526.8	94.8	-1346.5	1926.2	0.0331	0.0462	0.0055				-1.19	-1.71	-9.28	
4748	-1459.7	-2115.2	-6393.1	315.0	-620.6	3503.3	0.0331	0.0462	0.0055				-0.15	-1.39	-8.43	
4749	-1332.1	-2197.0	-6068.3	414.6	-539.5	3774.1	0.0331	0.0462	0.0055	3.40	2.44	20.65	0.00	-1.38	-8.55	0.0
4750	-1230.6	-2215.4	-5784.3	441.2	-521.0	3757.7	0.0331	0.0462	0.0055	5.04	3.61	30.57	0.00	-1.34	-8.39	0.0
4751	-1156.1	-2169.8	-5514.5	445.6	-525.1	3641.2	0.0331	0.0462	0.0055	5.18	3.71	31.41	0.00	-1.27	-8.09	0.0
4752	-1093.3	-2080.6	-5238.9	422.7	-534.9	3482.4	0.0331	0.0462	0.0055	5.06	3.63	30.72	0.00	-1.19	-7.72	0.0
4753	-34.1	53.4	57.9	12.1	-20.0	-47.1	0.0051	0.0459	0.0244	21.06	2.32	4.36	0.00	-0.10	-0.14	0.0
4769	-35.5	54.2	57.1	11.9	-19.7	-43.7	0.0054	0.0458	0.0244	19.19	2.25	4.21	0.00	-0.09	-0.14	0.0
4785	-64.2	106.5	-148.6	17.6	165.4	-39.1	0.0050	0.0281	0.0244	22.50	4.03	4.62	0.00	-0.05	-0.39	0.0
4801	-65.0	107.7	-157.0	20.2	171.7	-36.0	0.0053	0.0279	0.0244	21.16	4.03	4.61	0.00	-0.05	-0.41	0.0
4817	-80.9	93.4	-481.6	17.3	303.8	-32.0	0.0050	0.0281	0.0244	19.05	3.39	3.89	0.00	-0.01	-0.74	0.0
4833	-81.5	94.1	-497.5	21.0	311.3	-31.5	0.0053	0.0279	0.0244	18.39	3.47	3.97	0.00	-0.01	-0.76	0.0
4849	-89.0	52.5	-797.8	15.6	417.5	-33.2	0.0050	0.0281	0.0244	20.97	3.71	4.26	0.00	-0.05	-1.10	0.0
4865	-89.5	53.3	-818.6	19.5	424.9	-36.6	0.0052	0.0280	0.0244	20.21	3.79	4.33	0.00	-0.05	-1.12	0.0
4881	-90.2	8.7	-1032.6	-20.6	539.1	-41.9	0.0049	0.0281	0.0244	32.98	5.80	6.67	0.00	-0.16	-1.44	0.0
4897	-90.7	9.9	-1056.7	-24.5	545.8	-50.5	0.0052	0.0280	0.0244	32.11	5.97	6.83	0.00	-0.17	-1.47	0.0
4913	-96.5	-33.1	-1172.6	-59.8	715.7	57.5	0.0049	0.0192	0.0244	53.54	13.73	10.78	0.00	-0.30	-1.80	0.0
4929	-96.6	-32.4	-1199.6	-72.8	720.0	-71.9	0.0052	0.0191	0.0244	55.82	15.12	11.80	0.00	-0.35	-1.84	0.0
4945	-25.1	-56.1	-1199.6	46.9	1940.1	-78.2	0.0162	0.0260	0.0244	87.27	54.34	57.89	0.00	-1.47	-4.06	0.0
4961	-29.4	-63.3	-1227.0	45.5	1934.4	-96.4	0.0164	0.0259	0.0244	84.97	53.90	57.17	0.00	-1.46	-4.05	0.0
4977	-1133.8	-572.5	-6676.6	30.3	-701.4	464.5	0.0331	0.0462	0.0055				-0.54	-1.05	-6.80	
4978	-1000.7	-595.9	-6177.8	-16.9	-682.8	495.4	0.0331	0.0462	0.0055				-0.54	-0.93	-6.31	
4979	-897.2	-608.4	-5683.8	49.5	-722.2	509.8	0.0331	0.0462	0.0055				-0.56	-0.79	-5.84	
4980	-872.8	-552.0	-5277.2	94.7	-755.3	479.0	0.0331	0.0462	0.0055				-0.50	-0.75	-5.45	
4981	-837.9	-511.1	-4871.2	79.0	-743.3	433.1	0.0331	0.0462	0.0055				-0.47	-0.71	-5.05	

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
4982	-737.8	-557.0	-4413.7	73.7	-770.5	407.2	0.0331	0.0462	0.0055				-0.51	-0.58	-4.61	
4983	-726.2	-620.6	-4151.4	93.2	-992.9	394.0	0.0331	0.0462	0.0055				-0.46	-0.58	-4.46	
4984	-1815.0	-603.8	-2638.4	-282.8	-1682.3	-146.3	0.0331	0.0462	0.0057				-0.40	-0.68	-3.98	
4985	-1118.4	-463.5	-2069.2	-240.8	76.7	-77.6	0.0331	0.0462	0.0057				-0.38	-1.19	-2.08	
4986	-963.1	-528.0	-2458.8	-221.1	-360.4	-215.3	0.0331	0.0462	0.0057				-0.43	-0.94	-2.57	
4987	-637.3	-302.5	-1191.0	-191.6	-896.4	-250.2	0.0331	0.0462	0.0057	0.73	0.52	4.27	0.00	-0.27	-1.94	0.0
4988	-159.5	-88.5	-293.6	-130.8	-267.4	-63.8	0.0331	0.0462	0.0022	2.38	1.70	35.26	0.00	-0.16	-0.62	0.0
4989	32.6	-35.6	-145.1	-105.2	-88.8	16.0	0.0331	0.0462	0.0022	4.03	2.89	59.69	0.00	-0.23	-0.32	0.0
4990	98.2	-13.7	-77.6	-82.7	25.4	-14.8	0.0331	0.0462	0.0022	4.41	3.16	65.34	0.00	-0.20	-0.23	0.0
4991	91.6	-3.7	-37.0	-62.4	65.6	-22.6	0.0331	0.0462	0.0022	4.47	3.20	66.29	0.00	-0.18	-0.21	0.0
4992	47.6	6.0	29.8	-41.0	75.5	-55.2	0.0331	0.0462	0.0022	4.44	3.18	65.84	0.00	-0.17	-0.19	0.0
4993	-728.6	-634.5	-3964.0	-164.1	-360.9	-1494.2	0.0331	0.0462	0.0055				-0.06	-0.69	-4.58	
4994	-759.3	-722.7	-4886.2	-168.8	484.6	-548.5	0.0331	0.0462	0.0055				-0.45	-0.91	-5.01	
4995	-715.7	-779.3	-5522.0	-35.5	-717.9	263.4	0.0331	0.0462	0.0055				-0.58	-0.79	-5.64	
4996	-942.4	-629.0	-4254.5	-24.8	-1353.4	-402.8	0.0331	0.0462	0.0055				-0.40	-0.66	-4.77	
4997	-598.3	-413.7	-3072.3	-155.3	-687.4	-917.4	0.0331	0.0462	0.0055				-0.12	-0.44	-3.53	
4998	-519.8	-554.7	-3831.9	-129.1	-116.2	-381.9	0.0331	0.0462	0.0055				-0.40	-0.63	-3.88	
4999	-760.1	-669.6	-4616.0	44.5	-1086.7	330.0	0.0331	0.0462	0.0055				-0.47	-0.65	-4.93	
5000	-1963.5	-609.6	-2896.6	-390.2	-1952.3	-267.6	0.0331	0.0462	0.0057				-0.33	-0.64	-4.49	
5001	-1123.9	-408.2	-1942.1	-292.3	-151.0	57.3	0.0331	0.0462	0.0057				-0.30	-1.21	-1.97	
5002	-915.9	-470.2	-2224.0	-252.4	-329.1	-52.5	0.0331	0.0462	0.0057				-0.35	-0.95	-2.31	
5003	-635.8	-356.3	-1610.2	-196.1	-568.2	145.1	0.0331	0.0462	0.0057				-0.13	-0.60	-1.87	
5004	-266.5	-171.1	-637.0	-138.5	-518.8	139.8	0.0331	0.0462	0.0022	6.06	4.34	89.71	0.00	-0.47	-1.20	0.0
5005	26.8	-64.0	-172.0	-101.6	-115.0	-18.6	0.0331	0.0462	0.0022	3.64	2.61	53.94	0.00	-0.20	-0.37	0.0
5006	103.5	-28.6	-88.9	-74.3	21.6	16.1	0.0331	0.0462	0.0022	4.16	2.98	61.61	0.00	-0.19	-0.24	0.0
5007	99.7	-12.9	-40.7	-56.6	69.0	-18.6	0.0331	0.0462	0.0022	4.52	3.24	66.99	0.00	-0.18	-0.22	0.0
5008	55.0	1.7	31.2	-40.4	84.8	-54.2	0.0331	0.0462	0.0022	4.74	3.40	70.25	0.00	-0.18	-0.21	0.0
5009	-261.2	-124.8	-1488.5	-38.7	173.7	-62.4	0.0331	0.0462	0.0055				-0.11	-0.25	-1.51	
5010	-564.3	-632.7	-4124.4	-105.7	1703.3	260.0	0.0331	0.0462	0.0055	3.61	2.58	21.88	0.00	-0.73	-4.95	0.0
5011	-616.7	-954.0	-5986.3	-35.0	-705.1	324.6	0.0331	0.0462	0.0055				-0.51	-0.95	-6.10	
5012	-1018.7	-619.9	-3678.5	51.6	-1937.4	214.1	0.0331	0.0462	0.0055	0.18	0.13	1.12	0.00	-0.62	-4.72	0.0
5013	-425.1	-488.6	-2681.7	-11.8	115.5	948.1	0.0331	0.0462	0.0055				-0.13	-0.42	-3.04	
5014	-560.9	-777.1	-4351.5	130.4	-194.2	990.6	0.0331	0.0462	0.0055				-0.46	-0.61	-4.62	
5015	-1391.9	-774.9	-4121.4	-310.6	-1628.9	-650.8	0.0331	0.0462	0.0055				-0.63	-0.65	-5.00	
5016	-1511.1	-536.3	-2213.5	-588.0	-1324.5	-780.4	0.0331	0.0462	0.0057				-0.22	-0.49	-3.55	
5017	-1022.4	-462.5	-2000.1	-350.3	-48.7	51.1	0.0331	0.0462	0.0057				-0.29	-1.19	-2.00	
5018	-889.4	-497.8	-2274.1	-269.2	-369.5	-82.3	0.0331	0.0462	0.0057				-0.36	-0.93	-2.38	
5019	-608.7	-388.3	-1639.8	-229.7	-565.1	-402.2	0.0331	0.0462	0.0057				-0.24	-0.38	-2.02	
5020	-255.7	-207.2	-693.6	-167.1	-512.1	-385.3	0.0331	0.0462	0.0057	3.42	2.45	20.02	0.00	-0.18	-1.32	0.0
5021	18.1	-79.3	-206.9	-86.1	-139.9	-44.2	0.0331	0.0462	0.0022	3.18	2.28	47.16	0.00	-0.18	-0.41	0.0
5022	104.4	-41.5	-100.9	-61.0	16.9	15.7	0.0331	0.0462	0.0022	3.84	2.75	56.88	0.00	-0.18	-0.24	0.0
5023	105.2	-21.8	-44.8	-48.0	72.1	16.4	0.0331	0.0462	0.0022	4.34	3.10	64.23	0.00	-0.16	-0.23	0.0
5024	62.1	-3.2	32.8	-38.3	95.1	-51.9	0.0331	0.0462	0.0022	5.05	3.61	74.77	0.00	-0.19	-0.22	0.0
5025	-323.4	-115.9	-1619.1	-31.0	317.5	226.7	0.0331	0.0462	0.0055				-0.08	-0.25	-1.72	
5026	-649.0	-695.4	-4480.3	-136.0	2001.5	436.5	0.0331	0.0462	0.0055	6.30	4.51	38.20	0.00	-0.86	-5.59	0.0
5027	-654.3	-1018.5	-6362.4	-7.9	-677.7	417.9	0.0331	0.0462	0.0055				-0.57	-0.99	-6.47	
5028	-984.6	-731.7	-4114.0	75.3	-1848.4	313.2	0.0331	0.0462	0.0055				-0.12	-0.72	-4.99	
5029	-538.8	-668.5	-4197.5	-68.7	580.1	638.2	0.0331	0.0462	0.0055				-0.44	-0.57	-4.40	
5030	-851.2	-806.0	-5608.4	78.3	-1052.5	417.6	0.0331	0.0462	0.0055				-0.63	-0.77	-5.87	
5031	-2054.9	-802.9	-3587.1	-346.1	-2194.1	-148.1	0.0331	0.0462	0.0057				-0.40	-0.88	-5.17	
5032	-1140.6	-527.0	-2210.6	-246.4	-300.2	579.0	0.0331	0.0462	0.0057				-0.23	-1.22	-2.43	
5033	-1052.4	-663.8	-2756.8	-262.5	-164.7	549.6	0.0331	0.0462	0.0057				-0.40	-1.18	-2.90	
5034	-907.7	-647.4	-2667.5	-250.8	-492.0	170.7	0.0331	0.0462	0.0057				-0.42	-1.00	-2.80	
5035	-583.4	-402.5	-1295.2	-234.0	-951.1	-187.5	0.0331	0.0462	0.0057	2.79	2.00	16.32	0.00	-0.46	-2.10	0.0
5036	-136.1	-174.2	-411.8	-148.9	-287.1	-88.7	0.0331	0.0462	0.0022	2.23	1.60	33.06	0.00	-0.23	-0.72	0.0
5037	28.4	-91.7	-218.8	-86.1	-126.8	-74.7	0.0331	0.0462	0.0022	2.95	2.11	43.68	0.00	-0.16	-0.42	0.0
5038	103.4	-51.7	-112.2	-49.9	15.3	-16.7	0.0331	0.0462	0.0022	3.62	2.59	53.58	0.00	-0.18	-0.24	0.0
5039	107.3	-29.9	-49.1	-38.0	75.3	19.0	0.0331	0.0462	0.0022	4.30	3.08	63.76	0.00	-0.16	-0.24	0.0
5040	67.6	-8.0	34.8	-34.6	105.6	-48.7	0.0331	0.0462	0.0022	5.33	3.82	78.97	0.00	-0.20	-0.24	0.0
5056	-6.1	56.7	47.4	-35.7	37.2	-100.1	0.0059	0.0455	0.0127	28.18	3.68	13.18	0.00	-0.19	-0.22	0.0
5072	-4.1	56.7	45.0	-38.2	38.8	-95.9	0.0069	0.0450	0.0127	23.84	3.65	12.94	0.00	-0.19	-0.21	0.0
5088	-2.1	55.6	41.2	-40.8	38.2	-90.8	0.0081	0.0444	0.0127	19.73	3.58	12.51	0.00	-0.18	-0.20	0.0
5104	-0.3	53.0	35.6	-42.4	34.1	-84.6	0.0094	0.0438	0.0127	15.90	3.41	11.73	0.00	-0.17	-0.19	0.0
5120	-25.7	68.0	-84.6	-35.7	-107.4	-100.2	0.0059	0.0276	0.0127	20.49	4.35	9.46	0.00	-0.08	-0.32	0.0
5136	-25.0	67.6	-106.4	-38.5	-123.8	-92.2	0.0068	0.0272	0.0127	16.25	4.05	8.66	0.00	-0.06	-0.34	0.0
5152	-24.6	66.7	-134.5	-41.6	-144.6	-83.6	0.0079	0.0266	0.0127	12.65	3.73	7.83	0.00	-0.03	-0.36	0.0
5168	-24.7	65.5	-170.7	-44.3	-170.3	-74.4	0.0091	0.0260	0.0127	9.94	3.49	7.14	0.00	-0.01	-0.39	0.0
5184	-39.6	55.6	-301.0	-32.0	-188.2	-95.6	0.0058	0.0277	0.0127	14.76	3.09	6.73	0.00	-0.04	-0.51	0.0
5200	-40.4	55.7	-339.9	-34.3	-208.9	-87.1	0.0067	0.0273	0.0127	11.90	2.90	6.23	0.00	-0.02	-0.54	0.0
5216	-41.7	55.8	-388.2	-37.1	-234.2	-79.0	0.0077	0.0267	0.0127	10.02	2.88	6.06	0.00	-0.01	-0.60	0.0
5232	-43.4	56.5	-447.4	-40.7	-263.7	79.3	0.0089	0.0261	0.0127	16.47	5.60	11.52	0.00	-0.14	-0.73	0.0
5248	-49.0	35.1	-513.5	-28.7	-245.3	-97.1	0.0057	0.0277	0.0127	11.47	2.37	5.17	0.00	-0.02	-0.70	0.0
5264	-50.4	35.8	-561.3	-30.4	-266.7	-91.3	0.0065	0.0273	0.0127	10.21	2.45	5.26	0.00	-0.02	-0.75	0.0
5280	-52.3	37.0	-618.8	-32.9	-292.0	88.6	0.0075	0.0268	0.0127	16.39	4.60	9.71	0.00	-0.13	-0.87	0.0
5296	-54.4	38.7	-686.6	-36.6	-320.5	85.2	0.0087	0.0262	0.0127	15.06	4.97	10.27	0.00	-0.14	-0.96	0.0
5312	-54.8	15.2	-686.8	-26.4	-285.9	-104.5	0.0057	0.0277	0.0127	10.69	2.18	4.76	0.00	-0.04	-0.87	0.0
5328	-56.4	16.5	-736.8	-27.7	-305.8	-103.0	0.0064	0.0274	0.0127	9.98	2.35	5.06	0.00	-0.04	-0.93	0.0
5344	-58.2	18.3	-795.3	-29.9	-328.8	-103.3	0.0074	0.0269	0.0127	9.37	2.57	5.44	0.00	-0.04	-1.00	0.0
5360	-60.3	20.4	-862.4	-33.2	-353.9	-106.3	0.0085	0.0264	0.0127	8.81	2.83	5.87	0.00	-0.04	-1.08	0.0
5376	-58.4	-0.8	-815.9	25.6	-315.6	-115.3	0.0056	0.0188	0.0127	17.82	5.30	7.86	0.00	-0.13	-1.04	0.0
5392	-59.9	0.7	-864.0	-26.4	-333.1	-118.1	0.0063	0.0185	0.0127	10.22	3.51	5.10	0.00	-0.05	-1.06	0.0
5408	-61.4	2.7	-919.1	-28.2	-352.7	-122.7	0.0072	0.0180	0.0127	9.57	3.84	5.45	0.00	-0.06	-1.13	0.0
5424	-63.1	4.8	-980.7	-31.1	-373.8	-130.0	0.0083	0.0175	0.0127	8.91	4.21	5.80	0.00	-0.06	-1.20	0.0
5440	-60.9	-12.8	-907.8	28.0	-339.1	-127.4	0.0056	0.0189	0.0127	18.55	5.46	8.11	0.00	-0.15	-1.14	0.0
5456	-61.8	-11.2	-951.9	-26.3	-353.6	-133.7	0.0063	0.0185	0.0127	10.78	3.64	5.30	0.00	-0.07	-1.16	0.0
5472	-62.8	-9.3	-1001.3	-27.8	-369.4	-141.8	0.0071	0.0181	0.0127	10.07	3.95	5.63	0.00	-0.07	-1.22	0.0
5488	-63.8	-7.3	-1055.6	-30.2	-386.1	-152.1	0.0081	0.0176	0.0127	9.34	4.30	5.95	0.00	-0.07	-1.28	0.0
5489	-1206.9	-619.6	-7050.1	90.4	-738.7	476.0	0.0331	0.0462	0.0055				-0.58	-1.12	-7.18	
5490	-884.8	-718.0	-4222.2	-107.3	-779.6	-1515.9	0.0331	0.0462	0.0055				-0.11	-0.78	-4.93	
5491	-512.0	-163.3	-1668.3	39.4	-917.7	-42.6	0.0331	0.0462	0.0055	0.36	0.26	2.17	0.00	-0.19	-2.19	0.0
5492	-593.5	-168.3	-1822.8	53.6	-1071.0	225.4	0.0331	0.0462	0.0055	1.48	1.06	9.00	0.00	-0.22	-2.51	0.0
5493	-1216.3	-739.2	-7315.2	117.5	-737.7	530.7	0.0331	0.0462	0.0055				-0.69	-1.13	-7.45	
5494	-1283.1	-955.7	-5873.6	36.6	-1691.5	-560.0	0.0331	0.0462	0.0055				-0.59	-1.04	-6.48	
5495	-1422.9	-866.6	-5071.2	79.2	-2846.6	273.3	0.0331	0.0462	0.0055	4.16	2.98	25.24	0.00	-0.99	-6.78	0.0
5496	-1512.5	-940.6	-5453.3	150.0	-3132.4	433.8	0.0331	0.0462	0.0055	6.74	4.83	40.91	0.00	-1.14	-7.44	0.0
5497	-1257.1	-848.8	-7637.2	37.6	-663.3	557.9	0.0331	0.0462	0.0055				-0.80	-1.19	-7.75	
5498	-1001.5	-1068.1	-7349.9	-9.0	-601.6	220.5	0.0331	0.0462	0.0055				-0.94	-1.07	-7.41	
5499	-885.6	-1273.8	-7860.5	18.0	-591.4	292.9	0.0331	0.0462	0.0055				-0.84	-1.26	-7.92	
5500	-942.1	-1323.4	-8239.1	12.4	-647.9	405.2	0.0331	0.0462	0.0055				-0.88	-1.30	-8.32	

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
5501	-1396.6	-888.5	-8125.6	-59.6	-591.3	517.7	0.0331	0.0462	0.0055				-0.83	-1.37	-8.21	
5502	-1190.0	-1019.3	-6404.8	-82.5	712.2	-815.1	0.0331	0.0462	0.0055				-0.79	-1.21	-6.61	
5503	-1095.4	-897.9	-5309.1	47.3	1754.5	172.8	0.0331	0.0462	0.0055				-0.44	-0.92	-5.95	
5504	-1158.2	-996.4	-5921.1	-57.7	1528.3	303.1	0.0331	0.0462	0.0055				-0.71	-0.98	-6.39	
5505	-1502.2	-981.3	-8710.6	-67.6	-561.7	444.4	0.0331	0.0462	0.0055				-0.94	-1.48	-8.78	
5506	-1038.1	-952.0	-5501.1	-16.1	-287.5	-1757.4	0.0331	0.0462	0.0055				-0.34	-1.03	-6.12	
5507	-889.6	-880.6	-4807.9	86.8	-1223.5	1458.2	0.0331	0.0462	0.0055				-0.19	-0.80	-5.59	
5508	-1225.7	-1166.6	-7528.0	22.6	-2162.8	764.6	0.0331	0.0462	0.0055				-0.49	-1.16	-8.28	
5509	-1446.6	-1283.5	-9520.5	-95.9	-382.9	373.9	0.0331	0.0462	0.0055				-1.21	-1.49	-9.56	
5510	-1358.5	-1391.4	-8428.8	29.9	-1474.9	-868.2	0.0331	0.0462	0.0055				-0.95	-1.41	-8.82	
5511	-1369.1	-1596.7	-9366.7	-232.1	-1287.0	1308.1	0.0331	0.0462	0.0055				-0.84	-1.73	-9.76	
5512	-1485.5	-1706.5	-11675.9	-223.4	529.1	183.4	0.0331	0.0462	0.0055				-1.33	-1.83	-11.71	
5513	-1552.4	-1798.2	-11702.0	-137.4	734.5	253.9	0.0331	0.0462	0.0055				-1.46	-1.83	-11.76	
5514	-1606.1	-1807.0	-12427.3	-111.0	887.4	-275.3	0.0331	0.0462	0.0055				-1.48	-1.86	-12.51	
5515	-3139.0	-2361.7	-10070.4	749.7	2731.3	-2382.0	0.0331	0.0462	0.0055				-1.68	-2.20	-11.69	
5516	-4575.6	-1996.5	-7537.3	863.8	4791.6	-963.7	0.0331	0.0462	0.0055				-1.02	-1.84	-11.25	
5517	-5210.2	-1922.6	-7571.5	618.7	5330.4	-678.6	0.0331	0.0462	0.0055				-0.93	-1.84	-11.93	
5518	-5301.9	-1940.3	-7852.5	925.8	5715.2	-1132.2	0.0331	0.0462	0.0055				-0.72	-1.74	-12.63	
5519	-3850.8	-2025.2	-5798.1	1388.5	3338.8	-2507.0	0.0331	0.0462	0.0057				-0.72	-1.56	-9.40	
5520	-2461.3	-1187.7	-3703.8	491.0	935.9	-260.4	0.0331	0.0462	0.0057				-1.02	-2.06	-4.28	
5521	-2755.5	-979.7	-3034.6	368.8	1311.6	-266.6	0.0331	0.0462	0.0057				-0.91	-1.59	-4.27	
5522	-2704.9	-944.9	-2862.0	470.0	1391.1	-371.9	0.0331	0.0462	0.0057				-0.83	-1.40	-4.28	
5523	-2434.2	-1054.6	-3173.5	618.8	1321.0	-365.2	0.0331	0.0462	0.0057				-0.81	-1.54	-4.31	
5524	-2090.0	-1162.5	-3605.0	454.8	1114.3	-424.5	0.0331	0.0462	0.0057				-0.98	-1.58	-4.31	
5525	-1774.3	-823.3	-2769.9	221.0	935.9	-332.4	0.0331	0.0462	0.0057				-0.76	-1.21	-3.39	
5526	-1705.4	-756.6	-2511.2	255.0	947.8	-205.9	0.0331	0.0462	0.0057				-0.69	-1.10	-3.18	
5527	-1609.1	-792.7	-2567.5	297.8	933.3	-257.3	0.0331	0.0462	0.0057				-0.69	-1.08	-3.20	
5528	-1497.7	-853.9	-2816.7	261.0	909.4	-221.4	0.0331	0.0462	0.0057				-0.75	-1.09	-3.32	
5529	-1017.5	-495.6	-1340.0	131.8	1126.9	-296.7	0.0331	0.0462	0.0057				-0.02	-0.46	-2.37	
5530	-976.0	-457.4	-1227.3	137.4	1031.4	-243.0	0.0331	0.0462	0.0057				-0.05	-0.42	-2.18	
5531	-948.2	-473.5	-1258.3	146.8	1040.6	-284.1	0.0331	0.0462	0.0057				-0.04	-0.43	-2.21	
5532	-913.4	-514.9	-1371.2	132.8	1095.8	-333.5	0.0331	0.0462	0.0057	0.06	0.04	0.34	0.00	-0.48	-2.33	0.0
5533	-325.1	-230.3	-368.5	45.4	399.2	-72.5	0.0331	0.0462	0.0140	1.63	1.17	3.87	0.00	-0.27	-0.81	0.0
5534	-341.1	-219.5	-376.0	-46.0	383.6	-91.8	0.0331	0.0462	0.0140	1.79	1.28	4.24	0.00	-0.31	-0.80	0.0
5535	-344.1	-224.9	-395.8	-47.3	383.8	-95.3	0.0331	0.0462	0.0057	1.54	1.10	9.00	0.00	-0.31	-0.81	0.0
5536	-342.4	-239.1	-427.1	-63.2	387.5	-123.2	0.0331	0.0462	0.0057	1.85	1.33	10.83	0.00	-0.35	-0.84	0.0
5537	-27.9	-141.1	-174.4	-53.0	125.6	-11.6	0.0331	0.0462	0.0140	1.75	1.25	4.14	0.00	-0.21	-0.31	0.0
5538	-52.5	-137.6	-186.8	-75.4	130.4	-22.9	0.0331	0.0462	0.0140	1.73	1.24	4.09	0.00	-0.22	-0.33	0.0
5539	-72.0	-138.4	-199.9	-90.4	130.8	-24.7	0.0331	0.0462	0.0140	1.58	1.13	3.75	0.00	-0.23	-0.34	0.0
5540	-90.9	-142.3	-217.3	-110.0	133.1	-26.7	0.0331	0.0462	0.0140	1.61	1.15	3.81	0.00	-0.25	-0.36	0.0
5541	79.4	-101.0	-104.3	-46.3	-22.4	20.5	0.0331	0.0462	0.0140	2.84	2.04	6.74	0.00	-0.19	-0.22	0.0
5542	61.8	-103.4	-111.6	-73.1	-19.7	25.2	0.0331	0.0462	0.0140	2.81	2.02	6.67	0.00	-0.20	-0.23	0.0
5543	40.4	-104.3	-119.4	-94.3	-18.8	31.2	0.0331	0.0462	0.0140	2.76	1.98	6.54	0.00	-0.21	-0.25	0.0
5544	16.4	-106.3	-128.5	-115.0	-18.2	39.0	0.0331	0.0462	0.0140	2.76	1.97	6.53	0.00	-0.21	-0.28	0.0
5545	89.5	-86.6	-54.3	-35.2	-80.0	21.1	0.0331	0.0462	0.0140	4.01	2.87	9.51	0.00	-0.22	-0.23	0.0
5546	78.7	-91.7	-56.4	-58.0	-81.1	31.0	0.0331	0.0462	0.0140	4.10	2.93	9.72	0.00	-0.23	-0.25	0.0
5547	62.3	-94.4	-57.9	-78.7	-82.0	40.5	0.0331	0.0462	0.0140	4.16	2.98	9.86	0.00	-0.24	-0.27	0.0
5548	41.7	-97.1	-59.2	-98.3	-83.1	50.7	0.0331	0.0462	0.0140	4.23	3.03	10.03	0.00	-0.25	-0.29	0.0
5549	43.5	-80.4	44.4	-24.9	-96.8	-23.9	0.0331	0.0462	0.0140	4.25	3.05	10.08	0.00	-0.17	-0.24	0.0
5550	38.1	-86.4	47.3	-40.7	-101.6	-18.2	0.0331	0.0462	0.0140	4.39	3.15	10.41	0.00	-0.17	-0.26	0.0
5551	28.8	-91.1	50.9	-56.1	-107.2	-11.9	0.0331	0.0462	0.0140	4.57	3.27	10.83	0.00	-0.18	-0.28	0.0
5552	16.1	-94.3	56.0	-71.7	-112.4	20.1	0.0331	0.0462	0.0140	4.99	3.57	11.83	0.00	-0.22	-0.30	0.0
5613	-37.2	56.7	57.0	11.5	-17.6	-39.6	0.0059	0.0455	0.0244	16.76	2.19	4.08	0.00	-0.08	-0.14	0.0
5614	-39.9	57.6	56.6	11.7	15.0	-32.9	0.0069	0.0450	0.0244	13.05	2.00	3.68	0.00	-0.06	-0.14	0.0
5615	-43.0	57.4	55.5	12.2	28.4	26.9	0.0081	0.0444	0.0244	11.13	2.02	3.67	0.00	-0.06	-0.14	0.0
5616	-46.4	56.9	53.9	12.2	46.3	39.6	0.0094	0.0438	0.0244	11.35	2.43	4.36	0.00	-0.08	-0.17	0.0
5677	-65.5	111.2	-171.3	24.3	183.6	-33.0	0.0059	0.0276	0.0244	19.63	4.17	4.71	0.00	-0.04	-0.43	0.0
5678	-66.1	112.9	-194.1	30.8	202.8	33.2	0.0068	0.0272	0.0244	21.40	5.33	5.93	0.00	-0.09	-0.49	0.0
5679	-65.9	113.7	-222.6	38.4	226.7	46.3	0.0079	0.0266	0.0244	20.82	6.15	6.70	0.00	-0.12	-0.55	0.0
5680	-64.8	113.9	-258.1	46.5	255.3	57.1	0.0091	0.0260	0.0244	20.15	7.06	7.52	0.00	-0.14	-0.62	0.0
5741	-82.0	96.6	-525.4	26.9	324.7	-31.6	0.0058	0.0277	0.0244	17.98	3.76	4.26	0.00	-0.02	-0.80	0.0
5742	-82.3	98.3	-568.7	35.5	345.7	44.5	0.0067	0.0273	0.0244	22.56	5.50	6.14	0.00	-0.10	-0.90	0.0
5743	-81.6	99.6	-621.1	45.4	370.9	53.9	0.0077	0.0267	0.0244	21.94	6.31	6.90	0.00	-0.13	-0.98	0.0
5744	-79.9	100.3	-683.6	56.3	399.2	59.5	0.0089	0.0261	0.0244	21.08	7.17	7.67	0.00	-0.15	-1.07	0.0
5805	-90.0	55.5	-854.5	25.7	437.2	-42.1	0.0057	0.0277	0.0244	19.06	3.94	4.47	0.00	-0.05	-1.16	0.0
5806	-90.1	57.9	-908.7	34.3	455.4	-49.3	0.0065	0.0273	0.0244	17.62	4.22	4.72	0.00	-0.06	-1.23	0.0
5807	-89.3	60.0	-971.6	43.9	476.4	-57.9	0.0075	0.0268	0.0244	16.43	4.61	5.06	0.00	-0.06	-1.31	0.0
5808	-87.3	61.3	-1043.5	54.6	498.7	-69.2	0.0087	0.0262	0.0244	15.40	5.08	5.46	0.00	-0.07	-1.40	0.0
5869	-91.3	12.7	-1097.5	-30.1	555.8	-63.0	0.0057	0.0277	0.0244	30.54	6.24	7.08	0.00	-0.18	-1.52	0.0
5870	-91.5	17.4	-1157.2	-35.6	568.8	-78.1	0.0064	0.0274	0.0244	28.01	6.59	7.38	0.00	-0.19	-1.59	0.0
5871	-91.0	22.1	-1222.8	42.3	580.9	-92.5	0.0074	0.0269	0.0244	20.89	5.73	6.31	0.00	-0.13	-1.63	0.0
5872	-89.9	24.4	-1292.4	51.9	592.1	-108.7	0.0085	0.0264	0.0244	18.09	5.81	6.26	0.00	-0.12	-1.70	0.0
5933	-96.8	-30.2	-1245.6	-92.1	725.2	-94.5	0.0056	0.0188	0.0244	53.61	15.96	12.30	0.00	-0.38	-1.90	0.0
5934	-95.9	-22.7	-1314.1	-115.7	728.7	-121.7	0.0063	0.0185	0.0244	49.99	17.16	12.97	0.00	-0.41	-1.97	0.0
5935	-92.7	-9.2	-1388.4	-138.5	724.2	-142.6	0.0072	0.0180	0.0244	45.87	18.41	13.58	0.00	-0.44	-2.05	0.0
5936	-87.2	6.6	-1456.7	-160.9	703.2	-154.8	0.0083	0.0175	0.0244	41.20	19.46	13.94	0.00	-0.46	-2.10	0.0
5997	-34.2	-79.3	-1272.1	53.2	1903.5	-132.0	0.0169	0.0257	0.0244	80.01	52.48	55.21	0.00	-1.42	-4.01	0.0
5998	-44.3	-100.1	-1353.0	79.2	1862.7	-192.4	0.0176	0.0254	0.0244	72.73	50.36	52.27	0.00	-1.36	-3.97	0.0
5999	-65.4	-103.3	-1466.6	112.9	1842.6	-253.2	0.0184	0.0249	0.0244	65.57	48.42	49.41	0.00	-1.28	-3.97	0.0
6000	-94.2	-75.6	-1584.5	132.7	1812.3	-283.6	0.0194	0.0244	0.0244	57.84	45.91	45.92	0.00	-1.16	-3.96	0.0
6001	70.8	-13.5	36.5	-30.0	114.2	-44.4	0.0331	0.0462	0.0022	5.52	3.96	81.83	0.00	-0.21	-0.25	0.0
6002	71.8	-18.8	37.3	-25.2	122.4	-40.1	0.0331	0.0462	0.0022	5.68	4.07	84.20	0.00	-0.21	-0.26	0.0
6003	107.5	-38.5	-52.6	-28.9	78.8	22.4	0.0331	0.0462	0.0022	4.28	3.07	63.41	0.00	-0.17	-0.24	0.0
6004	106.2	-47.3	-56.8	24.6	82.5	28.6	0.0331	0.0462	0.0022	4.43	3.17	65.60	0.00	-0.19	-0.24	0.0
6005	106.3	-66.2	-121.2	-39.3	20.4	13.8	0.0331	0.0462	0.0022	3.51	2.51	51.95	0.00	-0.18	-0.24	0.0
6006	104.8	-81.5	-131.8	25.4	20.1	27.2	0.0331	0.0462	0.0022	3.34	2.39	49.48	0.00	-0.19	-0.25	0.0
6007	47.7	-116.7	-216.2	-66.4	-111.4	-26.7	0.0331	0.0462	0.0022	3.07	2.20	45.54	0.00	-0.22	-0.37	0.0
6008	36.5	-139.0	-243.2	-39.3	-143.2	-29.6	0.0331	0.0462	0.0022	3.01	2.15	44.52	0.00	-0.23	-0.41	0.0
6009	-141.1	-223.5	-461.8	-119.0	-382.5	-87.8	0.0331	0.0462	0.0022	3.66	2.62	54.27	0.00	-0.32	-0.87	0.0
6010	-169.6	-262.5	-537.4	-84.3	-438.6	-125.8	0.0331	0.0462	0.0022	3.69	2.64	54.68	0.00	-0.35	-0.99	0.0
6011	-666.1	-529.2	-1647.3	-209.5	-1185.4	-238.9	0.0331	0.0462	0.0057	3.90	2.79	22.80	0.00	-0.61	-2.62	0.0
6012	-741.7	-613.7	-1895.3	-183.3	-1359.3	-464.9	0.0331	0.0462	0.0057	5.24	3.75	30.64	0.00	-0.70	-3.07	0.0
6013	-1029.5	-838.7	-3402.5	-196.4	-625.1	266.7	0.0331	0.0462	0.0057				-0.59	-1.10	-3.57	
6014	-1121.6	-943.5	-3876.7	-166.4	-652.5	-112.5	0.0331	0.0462	0.0057				-0.82	-1.09	-4.03	
6015	-1262.2	-898.1	-3855.0	-207.6	-358.5	412.8	0.0331	0.0462	0.0057				-0.72	-1.35	-3.95	
6016	-1333.0	-1014.9	-4230.5	-213.9	-321.2	-23.1	0.0331	0.0462	0.0057				-0.90	-1.41	-4.27	
6017	-1375.3	-758.4	-3264.9	-278.5	200.0	407.5	0.0331	0.0462	0.0057				-0.61	-1.43	-3.36	
6018	-1323.5	-876.1	-3452.2	-308.3	344.7	180.2	0.0331	0.0462	0.0057				-0.72	-1.41	-3.53	
6019	-2197.1	-870.1	-4031.7	-493.6	-2325.1	-402.3	0.0331	0.0462	0.0057				-0.50	-0.90	-5.69	

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
6020	-1782.4	-1032.4	-3416.5	-724.2	-1691.9	-1221.9	0.0331	0.0462	0.0057				-0.52	-0.73	-4.99	
6021	-993.5	-794.2	-5979.5	80.6	-1192.0	318.7	0.0331	0.0462	0.0055				-0.72	-0.78	-6.27	
6022	-1571.5	-1110.8	-5445.7	-433.3	-1763.1	-1011.4	0.0331	0.0462	0.0055				-0.85	-0.92	-6.36	
6023	-822.1	-904.2	-5223.9	125.3	-418.6	1105.4	0.0331	0.0462	0.0055				-0.63	-0.79	-5.53	
6024	-989.0	-814.0	-6137.4	78.5	-1049.1	364.9	0.0331	0.0462	0.0055				-0.78	-0.79	-6.37	
6025	-961.0	-953.8	-5236.6	95.1	-1322.1	978.9	0.0331	0.0462	0.0055				-0.48	-0.87	-5.81	
6026	-930.4	-852.5	-6180.3	23.1	-893.9	419.7	0.0331	0.0462	0.0055				-0.75	-0.85	-6.36	
6027	-733.5	-1027.5	-6566.1	19.3	-651.5	468.8	0.0331	0.0462	0.0055				-0.66	-0.99	-6.68	
6028	-822.2	-1010.0	-6717.5	74.2	-664.4	462.5	0.0331	0.0462	0.0055				-0.75	-0.97	-6.83	
6029	-715.8	-770.3	-4722.1	-156.9	2062.2	558.2	0.0331	0.0462	0.0055	4.90	3.51	29.72	0.00	-0.87	-5.82	0.0
6030	-774.6	-850.8	-4882.3	-117.0	1959.7	664.1	0.0331	0.0462	0.0055	1.03	0.74	6.24	0.00	-0.82	-5.79	0.0
6031	-381.9	-230.9	-1823.3	-33.7	338.5	367.1	0.0331	0.0462	0.0055				-0.14	-0.32	-1.98	
6032	-417.9	-433.4	-2076.0	18.1	244.8	623.5	0.0331	0.0462	0.0055				-0.18	-0.43	-2.31	
6033	-0.1	48.5	28.6	-42.2	-38.7	-77.0	0.0105	0.0432	0.0127	11.07	2.70	9.17	0.00	-0.08	-0.20	0.0
6034	-1.8	45.8	19.8	-40.8	-51.1	-69.8	0.0114	0.0427	0.0127	9.07	2.43	8.17	0.00	-0.06	-0.19	0.0
6065	-25.8	63.0	-206.5	-46.6	-194.9	-65.6	0.0102	0.0255	0.0127	9.73	3.90	7.83	0.00	-0.02	-0.45	0.0
6066	-27.0	62.3	-241.0	-48.9	-216.3	59.7	0.0111	0.0250	0.0127	14.57	6.46	12.72	0.00	-0.15	-0.54	0.0
6097	-45.2	56.1	-502.8	-44.4	-290.6	79.2	0.0099	0.0256	0.0127	15.54	6.03	12.15	0.00	-0.15	-0.80	0.0
6098	-46.1	56.8	-551.6	-48.2	-312.4	78.3	0.0108	0.0252	0.0127	15.01	6.41	12.71	0.00	-0.16	-0.87	0.0
6129	-56.0	39.5	-747.6	-40.4	-345.4	-84.2	0.0097	0.0257	0.0127	9.06	3.40	6.89	0.00	-0.04	-0.99	0.0
6130	-56.7	40.7	-798.7	-44.2	-364.6	-85.8	0.0105	0.0254	0.0127	9.00	3.71	7.40	0.00	-0.05	-1.05	0.0
6161	-61.7	21.6	-921.1	-36.5	-375.1	-110.0	0.0094	0.0259	0.0127	8.44	3.07	6.25	0.00	-0.05	-1.15	0.0
6162	-62.3	22.7	-968.6	-39.8	-391.0	-114.7	0.0102	0.0255	0.0127	8.20	3.27	6.55	0.00	-0.05	-1.21	0.0
6193	-64.4	6.0	-1033.4	-33.9	-391.2	-136.8	0.0092	0.0171	0.0127	8.41	4.52	6.07	0.00	-0.06	-1.27	0.0
6194	-64.8	6.9	-1075.2	-36.5	-403.9	-143.4	0.0099	0.0167	0.0127	8.07	4.78	6.28	0.00	-0.06	-1.31	0.0
6225	-64.4	-6.1	-1101.1	-32.4	-399.6	-160.6	0.0090	0.0172	0.0127	8.79	4.58	6.19	0.00	-0.07	-1.34	0.0
6226	-64.3	-5.3	-1136.7	-34.4	-409.2	-168.0	0.0096	0.0168	0.0127	8.40	4.81	6.37	0.00	-0.07	-1.38	0.0
6257	1.8	-101.2	59.8	-84.3	-116.6	29.6	0.0331	0.0462	0.0140	5.21	3.73	12.34	0.00	-0.23	-0.33	0.0
6258	20.4	-102.3	-60.7	-114.6	-83.4	60.4	0.0331	0.0462	0.0140	4.27	3.06	10.12	0.00	-0.25	-0.31	0.0
6259	-8.2	-110.6	-137.7	-134.1	-16.5	46.4	0.0331	0.0462	0.0140	2.75	1.97	6.53	0.00	-0.22	-0.31	0.0
6260	-112.7	-146.8	-233.8	-131.8	135.8	-29.3	0.0331	0.0462	0.0022	1.71	1.22	25.26	0.00	-0.27	-0.39	0.0
6261	-350.8	-241.2	-461.9	-90.0	391.2	-142.4	0.0331	0.0462	0.0022	2.19	1.57	32.46	0.00	-0.39	-0.88	0.0
6262	-808.7	-491.7	-1201.1	101.0	899.7	-680.1	0.0331	0.0462	0.0057	4.96	3.55	29.02	0.00	-0.68	-2.31	0.0
6263	-1444.5	-852.7	-2691.2	211.3	1229.1	-704.4	0.0331	0.0462	0.0057				-0.50	-0.86	-3.63	
6264	-2030.2	-1113.3	-4019.5	287.7	983.6	-44.4	0.0331	0.0462	0.0057				-1.01	-1.73	-4.43	
6265	-2769.6	-1252.4	-4207.4	572.2	1082.4	-147.0	0.0331	0.0462	0.0057				-1.04	-2.35	-4.83	
6266	-4742.6	-2074.8	-8280.5	1179.6	5180.9	-1480.6	0.0331	0.0462	0.0057				-1.02	-1.74	-12.33	
6267	-1679.1	-1648.2	-12270.7	-222.5	802.3	-311.1	0.0331	0.0462	0.0055				-1.38	-1.87	-12.34	
6268	-1434.2	-1478.5	-9072.5	-182.6	-1058.1	1407.8	0.0331	0.0462	0.0055				-0.90	-1.63	-9.45	
6269	-1274.2	-1316.9	-7642.8	-51.9	609.4	1295.3	0.0331	0.0462	0.0055				-1.04	-1.24	-7.95	
6270	-1036.3	-1307.8	-8423.1	-9.3	-721.4	463.4	0.0331	0.0462	0.0055				-0.96	-1.29	-8.52	
6271	-1546.4	-1002.2	-5706.8	188.9	-3189.0	545.7	0.0331	0.0462	0.0055	5.70	4.08	34.57	0.00	-1.15	-7.67	0.0
6272	-638.7	-275.7	-2032.3	58.6	-1093.1	355.6	0.0331	0.0462	0.0055	0.54	0.39	3.30	0.00	-0.30	-2.70	0.0
6273	-13.1	-104.8	62.6	-95.3	-121.1	37.6	0.0331	0.0462	0.0140	5.41	3.88	12.83	0.00	-0.24	-0.35	0.0
6274	-0.2	-102.3	-62.4	-128.6	-83.5	68.3	0.0331	0.0462	0.0140	4.33	3.10	10.26	0.00	-0.26	-0.33	0.0
6275	-32.4	-107.8	-146.3	-150.0	-15.0	50.9	0.0331	0.0462	0.0140	2.79	2.00	6.62	0.00	-0.24	-0.33	0.0
6276	-137.3	-139.6	-248.2	-148.6	140.5	-32.5	0.0331	0.0462	0.0022	1.86	1.33	27.51	0.00	-0.28	-0.43	0.0
6277	-353.6	-228.0	-463.9	-100.7	360.9	-188.9	0.0331	0.0462	0.0022	2.60	1.86	38.45	0.00	-0.43	-0.87	0.0
6278	-720.1	-414.2	-922.1	46.2	697.0	-321.9	0.0331	0.0462	0.0057				-0.03	-0.44	-1.59	
6279	-1449.9	-805.1	-2407.7	172.1	1615.8	-584.8	0.0331	0.0462	0.0057				-0.16	-0.77	-3.73	
6280	-2074.0	-1228.8	-4417.8	311.4	1032.1	-339.7	0.0331	0.0462	0.0057				-1.13	-1.74	-4.86	
6281	-2712.2	-1434.3	-4845.0	661.2	1212.7	-179.1	0.0331	0.0462	0.0057				-1.12	-2.43	-5.44	
6282	-3783.0	-2553.8	-7194.3	1605.0	3321.1	-2803.7	0.0331	0.0462	0.0057				-1.23	-1.77	-10.53	
6283	-2847.6	-2485.0	-10584.6	779.2	2196.9	-2713.9	0.0331	0.0462	0.0055				-1.64	-2.27	-12.00	
6284	-1509.0	-1396.3	-10462.4	-211.5	252.2	180.4	0.0331	0.0462	0.0055				-1.23	-1.66	-10.47	
6285	-1342.5	-1225.9	-9085.7	-56.6	-437.1	369.5	0.0331	0.0462	0.0055				-1.17	-1.36	-9.13	
6286	-1129.6	-1273.1	-8588.6	-84.7	-742.0	432.3	0.0331	0.0462	0.0055				-0.99	-1.31	-8.69	
6287	-1556.2	-1061.6	-5874.1	158.6	-3087.4	633.1	0.0331	0.0462	0.0055	2.22	1.59	13.47	0.00	-1.09	-7.62	0.0
6288	-640.4	-464.9	-2275.1	27.8	-990.4	594.7	0.0331	0.0462	0.0055				-0.02	-0.49	-2.87	
6289	-50.4	54.8	50.7	12.5	64.4	51.1	0.0105	0.0432	0.0244	11.57	2.82	4.98	0.00	-0.11	-0.20	0.0
6305	-53.9	54.1	44.8	12.4	80.0	59.8	0.0114	0.0427	0.0244	11.64	3.12	5.45	0.00	-0.12	-0.23	0.0
6321	-63.7	112.1	-293.0	53.6	282.0	65.1	0.0102	0.0255	0.0244	19.62	7.87	8.21	0.00	-0.16	-0.68	0.0
6337	-61.8	111.7	-326.6	59.9	303.5	70.3	0.0111	0.0250	0.0244	19.31	8.56	8.77	0.00	-0.18	-0.74	0.0
6353	-77.5	99.6	-741.1	65.7	424.2	60.8	0.0099	0.0256	0.0244	20.29	7.87	8.25	0.00	-0.17	-1.15	0.0
6369	-74.0	99.5	-791.2	73.8	443.1	60.0	0.0108	0.0252	0.0244	19.80	8.46	8.72	0.00	-0.19	-1.22	0.0
6385	-84.4	61.8	-1106.8	63.5	516.9	-79.3	0.0097	0.0257	0.0244	14.69	5.51	5.81	0.00	-0.08	-1.47	0.0
6401	-80.9	61.7	-1159.0	71.1	529.9	-89.5	0.0105	0.0254	0.0244	14.24	5.87	6.09	0.00	-0.09	-1.53	0.0
6417	-88.1	23.3	-1351.2	59.8	602.3	-124.0	0.0094	0.0259	0.0244	16.34	5.94	6.29	0.00	-0.12	-1.76	0.0
6433	-83.7	23.5	-1397.7	65.7	605.5	-136.8	0.0102	0.0255	0.0244	15.14	6.03	6.30	0.00	-0.12	-1.80	0.0
6449	-81.9	14.4	-1501.6	-168.3	675.9	-160.7	0.0092	0.0171	0.0244	36.55	19.66	13.72	0.00	-0.46	-2.11	0.0
6465	-82.8	8.5	-1534.4	-129.4	673.0	-177.1	0.0099	0.0167	0.0244	30.44	18.03	12.32	0.00	-0.40	-2.11	0.0
6481	-110.1	-29.1	-1646.8	-155.1	1717.8	-268.1	0.0203	0.0172	0.0244	52.94	62.49	43.90	0.00	-1.16	-3.84	0.0
6497	-82.2	11.9	-1634.9	-401.7	1446.2	-216.0	0.0209	0.0168	0.0244	47.47	59.08	40.68	0.00	-1.19	-3.49	0.0
6513	-584.3	-501.3	-1417.0	-138.8	-1035.0	-659.8	0.0331	0.0462	0.0057	6.94	4.97	40.56	0.00	-0.63	-2.56	0.0
6514	-160.4	-257.1	-522.0	-42.9	-417.0	-151.6	0.0331	0.0462	0.0022	3.62	2.59	53.56	0.00	-0.34	-0.95	0.0
6515	28.2	-145.7	-251.2	33.8	-149.5	-39.9	0.0331	0.0462	0.0022	3.08	2.21	45.65	0.00	-0.25	-0.42	0.0
6516	-306.0	-331.9	-724.3	-63.0	-511.9	-269.7	0.0331	0.0462	0.0022	2.00	1.43	29.65	0.00	-0.34	-1.22	0.0
6517	-100.7	-203.8	-410.8	37.2	-301.7	-130.1	0.0331	0.0462	0.0022	3.50	2.50	51.81	0.00	-0.33	-0.73	0.0
6518	28.5	-136.8	-234.9	55.7	-126.3	-29.2	0.0331	0.0462	0.0022	2.90	2.08	43.01	0.00	-0.25	-0.38	0.0
6519	-178.7	-245.6	-511.7	51.2	-359.2	-105.3	0.0331	0.0462	0.0022	2.46	1.76	36.51	0.00	-0.35	-0.83	0.0
6520	-55.6	-168.2	-324.4	64.9	-193.9	-67.7	0.0331	0.0462	0.0022	2.37	1.69	35.04	0.00	-0.28	-0.51	0.0
6521	24.9	-124.1	-217.6	73.9	-92.6	-19.1	0.0331	0.0462	0.0022	2.54	1.82	37.64	0.00	-0.24	-0.33	0.0
6522	-1035.0	-1169.0	-5426.6	134.1	-406.6	2230.9	0.0331	0.0462	0.0055				-0.21	-1.00	-6.42	
6523	-1099.3	-1085.8	-6433.7	90.9	757.5	1227.0	0.0331	0.0462	0.0055				-0.65	-1.18	-6.79	
6524	-1010.9	-963.5	-7093.7	128.0	-803.8	375.6	0.0331	0.0462	0.0055				-0.84	-1.00	-7.22	
6525	-1066.4	-868.0	-6834.4	88.1	-1015.8	244.4	0.0331	0.0462	0.0055				-0.83	-0.92	-7.02	
6526	-1122.0	-863.0	-7023.7	11.0	-1228.1	150.2	0.0331	0.0462	0.0055				-0.85	-0.89	-7.27	
6527	-2148.6	-977.9	-4673.0	-417.1	-2700.0	-111.7	0.0331	0.0462	0.0057				-0.30	-1.09	-6.41	
6528	-1243.1	-894.1	-2937.2	-297.7	-405.3	-97.3	0.0331	0.0462	0.0057				-0.72	-1.32	-3.04	
6529	-1268.5	-1010.9	-3772.5	-250.0	113.5	114.3	0.0331	0.0462	0.0057				-0.86	-1.41	-3.78	
6530	-1233.7	-1031.7	-4104.5	-180.6	-362.5	-217.3	0.0331	0.0462	0.0057				-0.93	-1.28	-4.17	
6531	-1023.9	-852.7	-3096.2	-148.9	-1013.2	-632.6	0.0331	0.0462	0.0057				-0.55	-0.77	-3.66	
6532	-1552.4	-919.1	-9170.7	-42.2	-774.6	-83.0	0.0331	0.0462	0.0055				-0.92	-1.48	-9.25	
6533	-1409.3	-940.5	-8685.7	91.4	-841.0	-106.1	0.0331	0.0462	0.0055				-0.91	-1.34	-8.78	
6534	-1274.1	-1017.5	-8432.7	75.1	-1045.5	-208.8	0.0331	0.0462	0.0055				-0.95	-1.19	-8.59	
6535	-1715.1	-1488.6	-6527.0	-535.9	-2321.1	-1079.1	0.0331	0.0462	0.0055				-0.76	-1.27	-7.70	
6536	-1331.4	-1811.8	-4820.9	-769.1	-1175.0	-2300.0	0.0331	0.0462	0.0057				-0.54	-0.98	-6.45	
6537	-1749.9	-1375.1	-3914.1	-747.7	-1433.8	-1000.8	0.0331	0.0462	0.0057				-0.78	-1.21	-5.04	
6538	-1271.7	-963.6	-3623.3	-228.9	-124.0	77.9	0.0331	0.0462	0.0057				-0.84	-1.39	-3.63	

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
6539	-1190.8	-1024.4	-3877.7	-147.6	-310.5	-242.4	0.0331	0.0462	0.0057				-0.94	-1.22	-3.94	
6540	-1077.2	-959.8	-3728.0	-130.0	-503.2	-333.7	0.0331	0.0462	0.0057				-0.88	-1.03	-3.86	
6541	-815.6	-632.0	-1974.7	-98.0	-1332.9	-224.8	0.0331	0.0462	0.0057	1.84	1.32	10.75	0.00	-0.67	-2.94	0.0
6542	-1679.7	-3123.0	-6868.0	-307.1	-530.1	-2960.2	0.0331	0.0462	0.0057				-1.49	-1.63	-8.55	
6543	-1591.1	-2963.3	-6648.0	-451.2	-662.5	-2772.0	0.0331	0.0462	0.0057				-1.40	-1.57	-8.23	
6544	-1516.7	-2793.3	-6454.2	-666.7	-922.3	-2692.7	0.0331	0.0462	0.0057				-1.19	-1.50	-8.07	
6545	-1708.4	-1919.7	-4682.5	-821.8	-1942.4	-1285.1	0.0331	0.0462	0.0057				-0.71	-1.42	-6.18	
6546	-1095.3	-1078.4	-3018.7	-234.4	-575.1	129.7	0.0331	0.0462	0.0057				-0.74	-1.28	-3.18	
6547	-1012.1	-1111.5	-3391.6	-189.9	139.6	-144.8	0.0331	0.0462	0.0057				-0.85	-1.26	-3.41	
6548	-1165.7	-1061.4	-3666.1	-168.7	-375.7	-346.2	0.0331	0.0462	0.0057				-0.94	-1.19	-3.77	
6549	-1052.9	-928.8	-3525.9	-76.4	-409.3	-326.8	0.0331	0.0462	0.0057				-0.88	-0.99	-3.63	
6550	-883.2	-739.8	-2555.3	-80.8	-955.5	-639.2	0.0331	0.0462	0.0057				-0.32	-0.71	-3.15	
6551	-523.1	-448.9	-1134.6	-43.8	-918.7	-535.9	0.0331	0.0462	0.0022	8.03	5.75	118.89	0.00	-0.70	-2.21	0.0
6552	-1135.2	-1554.7	-3463.9	184.5	-166.1	-1155.5	0.0331	0.0462	0.0057				-0.83	-1.32	-4.01	
6553	-1088.3	-1498.9	-3448.5	140.7	-229.9	-1096.8	0.0331	0.0462	0.0057				-0.82	-1.27	-3.95	
6554	-1060.6	-1398.1	-3358.5	-96.1	-335.9	-930.3	0.0331	0.0462	0.0057				-0.99	-1.06	-3.77	
6555	-1038.0	-1253.6	-3403.3	-114.0	-251.4	-712.9	0.0331	0.0462	0.0057				-0.98	-1.06	-3.65	
6556	-1076.2	-1098.2	-3447.3	-98.0	-281.1	-464.2	0.0331	0.0462	0.0057				-0.98	-1.07	-3.57	
6557	-997.7	-968.2	-3332.9	48.3	-230.1	-290.7	0.0331	0.0462	0.0057				-0.88	-1.03	-3.39	
6558	-963.0	-881.7	-3253.2	35.9	-317.0	-304.8	0.0331	0.0462	0.0057				-0.80	-0.97	-3.33	
6559	-863.4	-707.6	-2400.3	-34.2	-842.9	-603.6	0.0331	0.0462	0.0057				-0.32	-0.74	-2.92	
6560	-564.1	-434.5	-1131.1	-13.9	-840.6	-531.3	0.0331	0.0462	0.0022	6.19	4.43	91.64	0.00	-0.67	-2.08	0.0
6561	-255.2	-239.6	-578.9	76.3	-324.9	-154.3	0.0331	0.0462	0.0022	0.87	0.62	12.85	0.00	-0.34	-0.82	0.0
6562	-766.3	-697.8	-1579.0	150.0	-71.3	-1002.0	0.0331	0.0462	0.0057				-0.01	-0.80	-2.23	
6563	-716.5	-700.4	-1577.5	160.5	-116.0	-987.6	0.0331	0.0462	0.0057				0.00	-0.77	-2.22	
6564	-681.2	-697.9	-1596.4	161.3	-129.6	-971.2	0.0331	0.0462	0.0057				-0.01	-0.74	-2.22	
6565	-695.9	-690.3	-1663.5	152.1	-94.0	-951.7	0.0331	0.0462	0.0057				-0.06	-0.75	-2.25	
6566	-771.5	-726.4	-2378.8	149.6	266.4	-674.3	0.0331	0.0462	0.0057				-0.48	-0.73	-2.67	
6567	-878.1	-737.0	-2920.7	138.7	-158.6	-309.8	0.0331	0.0462	0.0057				-0.60	-0.96	-2.97	
6568	-805.7	-613.3	-2163.9	84.1	-676.5	-493.4	0.0331	0.0462	0.0057				-0.26	-0.78	-2.54	
6569	-570.3	-368.8	-1024.8	68.3	-711.4	-416.7	0.0331	0.0462	0.0022	4.39	3.14	65.04	0.00	-0.64	-1.76	0.0
6570	-302.8	-196.5	-550.0	112.4	-246.1	-104.3	0.0331	0.0462	0.0022				-0.02	-0.32	-0.70	
6571	-159.4	-139.8	-331.3	121.2	-157.8	-53.5	0.0331	0.0462	0.0022	1.03	0.74	15.29	0.00	-0.27	-0.46	0.0
6572	-462.6	-91.2	-291.0	83.6	64.6	-10.4	0.0331	0.0462	0.0022				-0.07	-0.27	-0.50	
6573	-417.7	-104.2	-300.2	114.1	81.1	-22.5	0.0331	0.0462	0.0022				-0.07	-0.26	-0.49	
6574	-380.2	-120.0	-326.4	141.2	104.6	-46.6	0.0331	0.0462	0.0022				-0.06	-0.26	-0.51	
6575	-369.7	-147.8	-414.2	173.0	166.7	-76.3	0.0331	0.0462	0.0022				-0.05	-0.26	-0.62	
6576	-465.2	-301.8	-891.0	173.6	363.1	-384.3	0.0331	0.0462	0.0057				-0.11	-0.27	-1.28	
6577	-623.4	-429.3	-1272.1	145.1	-106.7	-609.9	0.0331	0.0462	0.0057				-0.05	-0.68	-1.59	
6578	-567.1	-276.7	-882.6	146.7	-452.9	-235.1	0.0331	0.0462	0.0022				0.00	-0.51	-1.22	
6579	-341.6	-124.1	-443.6	153.9	-117.7	22.7	0.0331	0.0462	0.0022				-0.04	-0.32	-0.55	
6580	-213.1	-97.9	-227.9	141.9	-52.6	22.1	0.0331	0.0462	0.0022				0.00	-0.20	-0.34	
6581	-118.3	-81.5	-116.4	133.4	76.1	50.1	0.0331	0.0462	0.0022	2.28	1.63	33.74	0.00	-0.23	-0.32	0.0
6582	70.3	-26.0	39.6	23.1	131.3	-35.1	0.0331	0.0462	0.0022	5.66	4.05	83.85	0.00	-0.19	-0.29	0.0
6583	63.9	-35.2	42.3	36.4	139.3	-29.5	0.0331	0.0462	0.0022	5.83	4.18	86.39	0.00	-0.20	-0.31	0.0
6584	50.4	-45.2	42.2	52.9	146.2	-21.7	0.0331	0.0462	0.0022	5.89	4.22	87.23	0.00	-0.21	-0.33	0.0
6585	100.9	-55.8	-59.4	37.5	84.9	34.0	0.0331	0.0462	0.0022	4.50	3.22	66.60	0.00	-0.21	-0.25	0.0
6586	87.9	-63.0	-59.8	52.0	86.2	36.3	0.0331	0.0462	0.0022	4.42	3.16	65.45	0.00	-0.22	-0.25	0.0
6587	67.8	-68.7	-60.2	67.2	88.3	36.6	0.0331	0.0462	0.0022	4.25	3.05	63.02	0.00	-0.24	-0.25	0.0
6588	96.7	-90.6	-139.8	42.4	16.8	28.7	0.0331	0.0462	0.0022	3.26	2.33	48.28	0.00	-0.20	-0.26	0.0
6589	83.3	-94.6	-140.3	57.9	18.8	32.5	0.0331	0.0462	0.0022	3.13	2.24	46.34	0.00	-0.20	-0.26	0.0
6590	62.4	-95.6	-137.1	72.6	20.7	32.5	0.0331	0.0462	0.0022	2.87	2.05	42.50	0.00	-0.20	-0.25	0.0
6591	-52.1	-74.4	-43.0	117.6	109.1	41.5	0.0331	0.0462	0.0022	3.83	2.75	56.80	0.00	-0.23	-0.33	0.0
6592	-59.9	-110.3	-212.4	118.2	-50.1	23.0	0.0331	0.0462	0.0022	1.16	0.83	17.13	0.00	-0.20	-0.30	0.0
6593	-107.7	-169.1	-353.7	96.8	-219.3	-75.0	0.0331	0.0462	0.0022	2.42	1.73	35.85	0.00	-0.31	-0.56	0.0
6594	-5.0	-67.9	-0.8	97.6	133.8	33.1	0.0331	0.0462	0.0022	5.08	3.63	75.18	0.00	-0.24	-0.33	0.0
6595	1.2	-95.0	-138.0	104.2	35.3	35.7	0.0331	0.0462	0.0022	2.38	1.71	35.30	0.00	-0.22	-0.25	0.0
6596	-18.5	-134.1	-243.6	93.0	-99.3	-11.5	0.0331	0.0462	0.0022	1.86	1.34	27.62	0.00	-0.23	-0.35	0.0
6597	27.8	-57.7	30.5	75.1	143.6	19.1	0.0331	0.0462	0.0022	5.77	4.13	85.46	0.00	-0.24	-0.33	0.0
6598	39.7	-79.8	-83.0	85.6	73.7	39.2	0.0331	0.0462	0.0022	3.59	2.57	53.20	0.00	-0.24	-0.24	0.0
6599	31.5	-107.5	-167.5	83.5	-35.2	24.3	0.0331	0.0462	0.0022	2.19	1.57	32.51	0.00	-0.19	-0.27	0.0
6608	-303.2	-3.9	-563.1	-120.5	-430.2	-169.6	0.0291	0.0406	0.0127	1.50	1.07	3.43	0.00	-0.03	-0.97	0.0
6659	7.0	-253.8	-926.9	-49.5	-53.2	-618.4	0.0388	0.0358	0.0127	2.99	3.24	9.12	0.00	-0.11	-1.41	0.0
6660	-5.1	-239.5	-939.4	-62.2	-67.5	-606.4	0.0386	0.0358	0.0127	2.96	3.19	8.99	0.00	-0.12	-1.41	0.0
6661	-21.1	-220.9	-983.7	-71.3	-66.6	-597.2	0.0383	0.0360	0.0127	2.96	3.16	8.93	0.00	-0.14	-1.43	0.0
6662	-29.0	-199.4	-1098.1	-73.9	-56.4	-603.9	0.0379	0.0362	0.0127	3.06	3.20	9.12	0.00	-0.15	-1.52	0.0
6663	57.9	-116.3	-1196.0	-72.6	-147.1	-581.8	0.0373	0.0365	0.0127	3.71	3.79	10.90	0.00	-0.06	-1.61	0.0
6664	141.0	-9.5	-1192.3	-122.0	-274.8	-499.0	0.0366	0.0369	0.0161	5.72	5.67	12.96	0.00	-0.05	-1.64	0.0
6665	46.9	-16.2	-1096.1	-158.0	-395.0	-409.0	0.0358	0.0373	0.0127	5.13	4.92	14.44	0.00	-0.07	-1.55	0.0
6666	-62.9	-34.9	-866.1	-137.1	-476.9	-297.0	0.0348	0.0377	0.0127	4.57	4.21	12.51	0.00	-0.10	-1.34	0.0
6667	-79.2	-3.1	-614.8	-109.1	-418.7	-194.1	0.0338	0.0383	0.0127	4.44	3.92	11.81	0.00	-0.10	-1.05	0.0
6668	-72.9	16.8	-416.7	-88.1	-350.7	-129.4	0.0327	0.0388	0.0127	4.47	3.77	11.50	0.00	-0.09	-0.82	0.0
6669	-2.9	43.7	8.7	-40.0	-67.2	-62.1	0.0125	0.0422	0.0127	7.40	2.19	7.26	0.00	-0.03	-0.19	0.0
6670	-4.6	42.2	-6.6	-39.7	-89.4	-54.3	0.0136	0.0416	0.0127	6.49	2.12	6.95	0.00	-0.02	-0.21	0.0
6671	-6.9	41.8	-30.1	-40.1	-118.5	-46.7	0.0148	0.0411	0.0127	6.82	2.45	7.92	0.00	-0.04	-0.26	0.0
6677	-215.0	19.0	-390.0	-90.1	-313.9	-124.1	0.0152	0.0409	0.0127	3.55	1.32	4.24	0.00	-0.03	-0.72	0.0
6678	-55.6	32.7	-270.4	-68.9	-280.0	-84.2	0.0316	0.0394	0.0127	4.36	3.50	10.85	0.00	-0.08	-0.62	0.0
6681	-38.3	39.3	-163.5	-54.0	-218.2	-58.8	0.0305	0.0399	0.0127	4.17	3.18	9.99	0.00	-0.07	-0.47	0.0
6684	-19.0	41.7	-79.5	-43.6	-163.0	-46.3	0.0159	0.0405	0.0127	7.34	2.88	9.19	0.00	-0.06	-0.35	0.0
6686	-231.5	12.9	-454.3	-103.2	-356.4	-145.3	0.0293	0.0405	0.0127	1.86	1.35	4.29	0.00	-0.02	-0.81	0.0
6695	-193.2	60.5	-832.5	-108.1	-570.1	-228.6	0.0287	0.0229	0.0127	5.30	6.64	11.97	0.00	-0.05	-1.37	0.0
6746	201.3	-168.1	-1627.2	-60.9	-113.6	-710.8	0.0388	0.0179	0.0127	5.44	11.80	16.61	0.00	-0.09	-2.14	0.0
6747	183.3	-154.5	-1617.9	-86.8	-164.3	-684.1	0.0386	0.0180	0.0127	5.29	11.38	16.08	0.00	-0.09	-2.11	0.0
6748	172.4	-135.9	-1618.3	-109.8	-213.0	-650.1	0.0383	0.0181	0.0127	5.41	11.45	16.33	0.00	-0.11	-2.10	0.0
6749	175.0	-108.5	-1609.9	-133.9	-277.9	-603.8	0.0379	0.0184	0.0127	6.08	12.53	18.10	0.00	-0.13	-2.10	0.0
6750	157.4	-87.9	-1575.5	-162.3	-348.1	-540.0	0.0372	0.0187	0.0127	6.56	13.09	19.22	0.00	-0.17	-2.07	0.0
6751	121.4	-72.2	-1506.5	-170.7	-412.7	-467.6	0.0365	0.0190	0.0127	6.54	12.53	18.77	0.00	-0.18	-1.99	0.0
6752	104.2	-29.7	-1395.6	-168.1	-466.3	-390.8	0.0356	0.0195	0.0127	7.11	13.02	19.95	0.00	-0.19	-1.89	0.0
6753	71.6	8.9	-1256.8	-165.1	-500.1	-312.6	0.0347	0.0200	0.0127	7.43	12.91	20.26	0.00	-0.19	-1.76	0.0
6754	24.9	27.9	-1091.8	-152.0	-513.4	-236.5	0.0336	0.0205	0.0127	7.25	11.90	19.18	0.00	-0.18	-1.59	0.0
6755	-4.3	45.8	-917.9	-132.0	-490.8	-167.9	0.0325	0.0210	0.0127	7.04	10.87	17.99	0.00	-0.17	-1.40	0.0
6756	-27.2	62.0	-286.0	-52.6	-240.7	61.3	0.0121	0.0245	0.0127	14.13	6.97	13.46	0.00	-0.16	-0.60	0.0
6757	-26.7	62.2	-343.6	-57.3	-271.1	61.1	0.0133	0.0240	0.0127	13.77	7.62	14.36	0.00	-0.17	-0.68	0.0
6758	-25.6	63.5	-413.8	-64.3	-306.4	58.3	0.0144	0.0234	0.0127	13.65	8.42	15.48	0.00	-0.19	-0.78	0.0
6764	-151.2	61.0	-672.9	-94.5	-488.7	-180.3	0.0148	0.0232	0.0127	9.78	6.25	11.40	0.00	-0.05	-1.15	0.0
6765	-20.7	57.0	-760.7	-111.5	-451.2	-115.0	0.0313	0.0216	0.0127	6.78	9.82	16.71	0.00	-0.15	-1.21	0.0
6768	-27.4	63.1	-624.8	-92.4	-404.3	-77.4	0.0302	0.0222	0.0127	6.48	8.80	15.38	0.00	-0.14	-1.04	0.0
6771	-27.0	65.3	-506.0	-76.0	-353.3	-52.1	0.0156	0.0228	0.0127	11.40	7.80	13.99	0.00	-0.12	-0.88	0.0
6773	-148.6	59.7	-745.4	-106.4	-519.6	-200.6	0.0156	0.0228	0.0127	9.84	6.74	12.08	0.00	-0.05	-1.24	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
6782	-124.9	48.9	-1015.7	-103.3	-590.4	-228.2	0.0150	0.0231	0.0127	11.39	7.37	13.40	0.00	-0.08	-1.52	0.0
6833	227.5	-164.0	-2003.4	-56.7	-141.6	-690.9	0.0388	0.0179	0.0127	6.12	13.28	18.68	0.00	-0.17	-2.48	0.0
6834	210.4	-152.1	-1973.7	-85.5	-213.2	-664.2	0.0386	0.0180	0.0127	6.04	12.99	18.37	0.00	-0.17	-2.45	0.0
6835	193.3	-135.0	-1934.8	-110.8	-282.5	-627.3	0.0383	0.0181	0.0127	6.13	12.94	18.46	0.00	-0.18	-2.41	0.0
6836	171.5	-114.4	-1883.3	-132.3	-347.8	-580.7	0.0378	0.0184	0.0127	6.23	12.83	18.55	0.00	-0.18	-2.35	0.0
6837	147.7	-88.4	-1816.1	-147.0	-407.7	-527.1	0.0372	0.0187	0.0127	6.40	12.73	18.73	0.00	-0.18	-2.29	0.0
6838	121.1	-58.0	-1730.6	-158.3	-460.7	-466.5	0.0364	0.0191	0.0127	6.63	12.66	19.01	0.00	-0.19	-2.21	0.0
6839	85.1	-32.7	-1627.4	-163.1	-500.9	-399.6	0.0355	0.0195	0.0127	6.66	12.12	18.62	0.00	-0.18	-2.10	0.0
6840	51.4	-8.3	-1508.1	-158.5	-524.7	-331.3	0.0345	0.0200	0.0127	6.65	11.45	18.05	0.00	-0.18	-1.97	0.0
6841	22.4	15.7	-1379.3	-147.5	-531.5	-265.7	0.0334	0.0206	0.0127	6.60	10.73	17.37	0.00	-0.17	-1.83	0.0
6842	-4.1	33.3	-1246.0	-132.3	-523.1	-205.6	0.0323	0.0211	0.0127	6.43	9.81	16.33	0.00	-0.16	-1.68	0.0
6843	-46.5	57.7	-614.6	-53.6	-336.6	73.4	0.0118	0.0247	0.0127	14.31	6.81	13.23	0.00	-0.17	-0.94	0.0
6844	-45.6	58.3	-693.0	-60.4	-365.4	-65.7	0.0129	0.0241	0.0127	10.13	5.43	10.30	0.00	-0.08	-1.00	0.0
6845	-43.4	58.8	-780.9	-69.2	-396.5	-71.2	0.0141	0.0235	0.0127	10.28	6.16	11.41	0.00	-0.09	-1.11	0.0
6851	-107.4	48.8	-909.6	-94.4	-533.1	-183.9	0.0145	0.0233	0.0127	10.97	6.80	12.49	0.00	-0.08	-1.37	0.0
6852	-22.9	46.3	-1116.1	-114.8	-501.2	-155.7	0.0311	0.0217	0.0127	6.20	8.87	15.18	0.00	-0.14	-1.53	0.0
6855	-35.0	54.2	-994.6	-97.9	-470.9	-116.6	0.0165	0.0223	0.0127	10.77	7.95	13.97	0.00	-0.13	-1.38	0.0
6858	-40.5	58.9	-880.8	-82.1	-433.8	-86.8	0.0153	0.0229	0.0127	10.59	7.06	12.75	0.00	-0.11	-1.24	0.0
6860	-101.6	46.2	-977.9	-104.4	-553.2	-201.4	0.0153	0.0229	0.0127	10.89	7.25	13.09	0.00	-0.08	-1.45	0.0
6869	-86.8	26.9	-1157.5	-91.1	-569.3	-221.3	0.0146	0.0233	0.0127	10.90	6.86	12.55	0.00	-0.09	-1.60	0.0
6920	194.7	-145.4	-2133.3	-49.4	-149.5	-656.2	0.0388	0.0179	0.0127	5.27	11.44	16.10	0.00	-0.15	-2.54	0.0
6921	178.5	-135.0	-2097.5	-74.2	-223.8	-632.1	0.0386	0.0180	0.0127	5.21	11.20	15.84	0.00	-0.15	-2.51	0.0
6922	158.6	-120.5	-2051.0	-95.4	-292.7	-599.0	0.0383	0.0181	0.0127	5.19	10.95	15.63	0.00	-0.15	-2.46	0.0
6923	136.3	-102.6	-1993.3	-112.4	-355.4	-558.4	0.0378	0.0184	0.0127	5.22	10.71	15.50	0.00	-0.15	-2.40	0.0
6924	111.3	-82.6	-1924.1	-125.2	-410.7	-511.1	0.0371	0.0187	0.0127	5.26	10.43	15.37	0.00	-0.15	-2.33	0.0
6925	84.1	-61.8	-1843.3	-132.5	-456.4	-458.8	0.0363	0.0191	0.0127	5.29	10.05	15.13	0.00	-0.15	-2.25	0.0
6926	57.1	-39.9	-1752.0	-134.5	-491.1	-403.8	0.0354	0.0196	0.0127	5.33	9.63	14.84	0.00	-0.14	-2.16	0.0
6927	30.0	-19.2	-1652.1	-131.9	-513.9	-348.1	0.0344	0.0201	0.0127	5.32	9.09	14.37	0.00	-0.14	-2.05	0.0
6928	4.8	-1.2	-1545.9	-124.8	-523.9	-293.7	0.0332	0.0207	0.0127	5.24	8.44	13.72	0.00	-0.13	-1.94	0.0
6929	-16.1	14.5	-1436.6	-114.2	-521.5	-242.7	0.0321	0.0213	0.0127	5.13	7.74	12.95	0.00	-0.12	-1.81	0.0
6930	-57.3	41.8	-864.8	-49.5	-386.1	-91.1	0.0114	0.0249	0.0127	8.80	4.04	7.91	0.00	-0.05	-1.13	0.0
6931	-56.4	42.3	-946.3	-56.2	-411.0	-99.3	0.0126	0.0243	0.0127	8.65	4.49	8.58	0.00	-0.06	-1.23	0.0
6932	-54.2	42.0	-1033.9	-64.6	-436.4	-111.6	0.0138	0.0237	0.0127	8.60	5.01	9.33	0.00	-0.07	-1.33	0.0
6938	-82.7	28.6	-1089.5	-84.5	-529.3	-187.1	0.0141	0.0235	0.0127	10.22	6.15	11.38	0.00	-0.09	-1.49	0.0
6939	-32.1	26.7	-1329.5	-101.6	-509.2	-198.7	0.0174	0.0219	0.0127	8.82	7.04	12.10	0.00	-0.11	-1.69	0.0
6942	-43.4	35.1	-1226.6	-88.7	-489.7	-161.9	0.0162	0.0225	0.0127	8.78	6.34	11.21	0.00	-0.09	-1.57	0.0
6945	-50.0	40.8	-1127.1	-75.8	-464.0	-131.8	0.0150	0.0231	0.0127	8.71	5.67	10.29	0.00	-0.08	-1.45	0.0
6947	-76.4	25.8	-1151.5	-92.1	-543.0	-203.6	0.0150	0.0231	0.0127	10.06	6.52	11.85	0.00	-0.09	-1.56	0.0
6956	-64.4	7.6	-1252.1	-76.1	-533.3	-219.1	0.0143	0.0234	0.0127	9.81	6.00	11.05	0.00	-0.10	-1.63	0.0
7007	148.8	-130.3	-2128.3	-42.8	-147.5	-617.3	0.0388	0.0179	0.0127	4.08	8.86	12.46	0.00	-0.11	-2.47	0.0
7008	134.9	-121.6	-2094.5	-62.4	-216.8	-596.1	0.0386	0.0180	0.0127	4.04	8.68	12.28	0.00	-0.11	-2.44	0.0
7009	117.4	-109.6	-2050.9	-79.1	-281.1	-567.4	0.0383	0.0182	0.0127	4.02	8.46	12.09	0.00	-0.11	-2.39	0.0
7010	97.1	-95.2	-1998.0	-92.3	-338.9	-532.3	0.0377	0.0184	0.0127	4.01	8.21	11.90	0.00	-0.11	-2.34	0.0
7011	75.3	-79.3	-1936.2	-101.6	-389.1	-492.4	0.0371	0.0188	0.0127	4.01	7.93	11.70	0.00	-0.11	-2.28	0.0
7012	52.8	-62.8	-1866.5	-107.0	-430.7	-449.2	0.0362	0.0192	0.0127	4.03	7.62	11.49	0.00	-0.10	-2.21	0.0
7013	30.4	-46.4	-1789.7	-108.7	-462.9	-404.1	0.0353	0.0196	0.0127	4.04	7.26	11.23	0.00	-0.10	-2.13	0.0
7014	9.2	-30.6	-1707.2	-106.9	-485.3	-358.5	0.0342	0.0202	0.0127	4.04	6.86	10.89	0.00	-0.10	-2.05	0.0
7015	-10.1	-15.9	-1620.5	-102.2	-498.0	-314.0	0.0331	0.0207	0.0127	4.03	6.42	10.48	0.00	-0.09	-1.96	0.0
7016	-26.9	-3.0	-1531.2	-94.9	-501.2	-271.7	0.0319	0.0214	0.0127	3.97	5.93	9.96	0.00	-0.08	-1.86	0.0
7017	-62.9	23.7	-1030.7	-44.4	-409.1	-123.2	0.0111	0.0250	0.0127	7.81	3.47	6.83	0.00	-0.05	-1.28	0.0
7018	-62.3	24.1	-1107.6	-50.3	-429.5	-135.4	0.0123	0.0244	0.0127	7.45	3.75	7.21	0.00	-0.05	-1.37	0.0
7019	-60.2	23.3	-1188.2	-57.5	-449.0	-151.2	0.0135	0.0238	0.0127	7.18	4.07	7.63	0.00	-0.06	-1.46	0.0
7025	-67.7	10.3	-1207.6	-71.6	-507.8	-195.6	0.0138	0.0237	0.0127	9.09	5.31	9.89	0.00	-0.09	-1.56	0.0
7026	-39.9	7.8	-1442.6	-86.0	-496.3	-234.3	0.0172	0.0220	0.0127	6.94	5.44	9.40	0.00	-0.08	-1.76	0.0
7029	-49.6	15.6	-1356.2	-76.6	-485.0	-201.4	0.0160	0.0226	0.0127	7.01	4.96	8.82	0.00	-0.07	-1.66	0.0
7032	-56.0	21.3	-1271.0	-66.7	-468.4	-173.2	0.0147	0.0232	0.0127	7.08	4.50	8.22	0.00	-0.06	-1.56	0.0
7034	-61.8	7.8	-1262.2	-76.9	-516.7	-210.9	0.0147	0.0232	0.0127	8.86	5.59	10.23	0.00	-0.09	-1.62	0.0
7043	-54.1	-7.8	-1306.2	-64.1	-499.2	-223.9	0.0140	0.0146	0.0127	8.74	8.37	9.64	0.00	-0.10	-1.64	0.0
7094	109.3	-120.3	-2057.1	-37.6	-141.9	-585.9	0.0388	0.0089	0.0127	3.06	13.25	9.33	0.00	-0.08	-2.35	0.0
7095	98.1	-112.9	-2027.5	-52.5	-204.9	-567.5	0.0386	0.0090	0.0127	3.05	13.02	9.26	0.00	-0.08	-2.32	0.0
7096	83.5	-103.0	-1989.9	-65.4	-263.7	-542.8	0.0382	0.0092	0.0127	3.05	12.64	9.18	0.00	-0.07	-2.28	0.0
7097	66.7	-91.3	-1944.8	-75.8	-316.8	-513.1	0.0377	0.0095	0.0127	3.06	12.17	9.09	0.00	-0.07	-2.24	0.0
7098	48.6	-78.5	-1892.9	-83.2	-363.0	-479.7	0.0370	0.0098	0.0127	3.09	11.62	9.00	0.00	-0.07	-2.19	0.0
7099	30.2	-65.2	-1835.1	-87.6	-401.7	-443.6	0.0362	0.0103	0.0127	3.13	11.02	8.91	0.00	-0.07	-2.14	0.0
7100	12.2	-51.9	-1772.2	-89.2	-432.5	-406.2	0.0352	0.0108	0.0127	3.17	10.38	8.79	0.00	-0.07	-2.07	0.0
7101	-4.8	-39.1	-1705.1	-88.2	-455.3	-368.4	0.0341	0.0113	0.0127	3.22	9.70	8.63	0.00	-0.07	-2.01	0.0
7102	-20.3	-27.1	-1634.7	-84.9	-470.1	-331.2	0.0329	0.0119	0.0127	3.24	8.98	8.40	0.00	-0.07	-1.93	0.0
7103	-33.9	-16.3	-1561.9	-79.8	-477.3	-295.5	0.0317	0.0125	0.0127	3.26	8.25	8.13	0.00	-0.07	-1.86	0.0
7104	-65.4	7.8	-1130.8	-40.3	-418.7	-153.8	0.0108	0.0162	0.0127	7.58	5.06	6.46	0.00	-0.06	-1.38	0.0
7105	-64.7	8.0	-1200.1	-45.3	-434.9	-168.2	0.0120	0.0156	0.0127	7.07	5.43	6.69	0.00	-0.06	-1.45	0.0
7106	-62.8	7.0	-1271.8	-51.3	-449.4	-185.8	0.0132	0.0150	0.0127	6.62	5.83	6.90	0.00	-0.06	-1.53	0.0
7112	-59.9	-4.5	-1276.2	-60.8	-483.8	-208.5	0.0135	0.0149	0.0127	8.16	7.44	8.70	0.00	-0.08	-1.59	0.0
7113	-44.6	-7.2	-1488.7	-73.3	-477.6	-263.3	0.0170	0.0131	0.0127	5.85	7.57	7.83	0.00	-0.06	-1.78	0.0
7116	-52.9	-0.3	-1416.4	-66.3	-472.4	-234.0	0.0158	0.0138	0.0127	6.06	6.93	7.51	0.00	-0.06	-1.70	0.0
7119	-58.7	4.8	-1343.9	-58.7	-462.4	-208.0	0.0145	0.0144	0.0127	6.31	6.35	7.20	0.00	-0.06	-1.62	0.0
7121	-55.0	-6.7	-1323.5	-64.7	-489.5	-222.7	0.0144	0.0145	0.0127	7.87	7.84	8.91	0.00	-0.09	-1.64	0.0
7130	-50.0	-20.0	-1333.2	-56.3	-474.1	-235.4	0.0137	0.0148	0.0127	8.04	7.47	8.69	0.00	-0.10	-1.64	0.0
7181	78.3	-114.9	-1966.1	-33.7	-135.6	-567.6	0.0388	0.0089	0.0127	2.26	9.78	6.89	0.00	-0.04	-2.22	0.0
7182	69.2	-108.5	-1941.0	-44.6	-193.4	-551.2	0.0386	0.0090	0.0127	2.30	9.83	7.00	0.00	-0.05	-2.20	0.0
7183	57.5	-100.0	-1909.6	-54.6	-247.6	-529.8	0.0382	0.0092	0.0127	2.37	9.81	7.13	0.00	-0.05	-2.17	0.0
7184	44.0	-90.1	-1872.3	-63.1	-296.9	-504.2	0.0377	0.0095	0.0127	2.45	9.68	7.25	0.00	-0.05	-2.14	0.0
7185	29.4	-79.2	-1829.8	-69.4	-340.2	-475.4	0.0369	0.0099	0.0127	2.53	9.47	7.36	0.00	-0.06	-2.10	0.0
7186	14.5	-67.9	-1782.7	-73.3	-377.0	-444.4	0.0361	0.0103	0.0127	2.62	9.19	7.45	0.00	-0.06	-2.06	0.0
7187	0.0	-56.6	-1731.5	-75.0	-406.9	-412.1	0.0351	0.0108	0.0127	2.72	8.83	7.51	0.00	-0.06	-2.01	0.0
7188	-13.7	-45.6	-1676.9	-74.5	-429.9	-379.4	0.0340	0.0114	0.0127	2.82	8.42	7.53	0.00	-0.06	-1.96	0.0
7189	-26.2	-35.3	-1619.2	-72.3	-446.0	-347.0	0.0328	0.0120	0.0127	2.91	7.96	7.49	0.00	-0.06	-1.90	0.0
7190	-37.2	-26.1	-1558.9	-68.4	-455.8	-315.6	0.0181	0.0126	0.0127	5.21	7.47	7.41	0.00	-0.07	-1.84	0.0
7191	-64.5	-4.6	-1185.3	-37.5	-420.8	-179.7	0.0106	0.0164	0.0127	7.86	5.07	6.53	0.00	-0.07	-1.43	0.0
7192	-63.6	-4.5	-1247.1	-41.7	-433.3	-195.5	0.0118	0.0158	0.0127	7.25	5.40	6.70	0.00	-0.07	-1.50	0.0
7193	-61.7	-5.6	-1310.5	-46.6	-443.9	-213.9	0.0130	0.0152	0.0127	6.69	5.74	6.84	0.00	-0.07	-1.57	0.0
7199	-55.8	-16.3	-1312.3	-53.2	-465.2	-225.1	0.0133	0.0150	0.0127	7.72	6.82	8.06	0.00	-0.09	-1.60	0.0
7200	-46.0	-18.2	-1497.6	-63.6	-459.4	-286.9	0.0168	0.0132	0.0127	5.53	7.02	7.31	0.00	-0.07	-1.78	0.0
7203	-52.9	-12.3	-1436.1	-58.3	-458.0	-260.2	0.0155	0.0139	0.0127	5.86	6.56	7.16	0.00	-0.07	-1.71	0.0
7206	-58.0	-7.7	-1373.5	-52.4	-452.5	-235.9	0.0142	0.0145	0.0127	6.26	6.14	7.02	0.00	-0.07	-1.64	0.0
7208	-51.7	-18.2	-1353.3	-56.3	-468.7	-238.7	0.0141	0.0146	0.0127	7.37	7.13	8.19	0.00	-0.09	-1.65	0.0
7209	-621.7	-353.0	-747.8	-51.9	627.9	-295.4	0.0331	0.0462	0.0057	2.49	1.79	14.59	0.00	-0.54	-1.43	0.0
7210	-314.7	-203.6	-404.5	-127.7	289.8	-119.9	0.0331	0.0462	0.0022	1.60	1.15	23.74	0.00	-0.38	-0.71	0.0
7211	-146.1	-131.1	-242.8	-159.3	126.4	-34.0	0.0331	0.0462	0.0022	1.92	1.37	28.43	0.00	-0.29	-0.42	0.0
7212	-456.4	-254.7	-544.9	-128.3	435.8	-144.5	0.0331	0.0462	0.0022	1.70	1.22	25.19	0.00	-0.43	-1.00	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
7213	-255.9	-161.9	-332.4	-159.6	216.7	-64.1	0.0331	0.0462	0.0022	1.60	1.15	23.77	0.00	-0.33	-0.58	0.0
7214	-137.9	-118.8	-219.5	-171.7	91.4	23.2	0.0331	0.0462	0.0022	1.57	1.12	23.26	0.00	-0.23	-0.41	0.0
7215	-350.9	-170.0	-397.6	-173.4	296.2	-104.6	0.0331	0.0462	0.0022	2.45	1.75	36.25	0.00	-0.41	-0.76	0.0
7216	-219.4	-130.8	-275.6	-184.3	149.4	-16.2	0.0331	0.0462	0.0022	1.55	1.11	23.03	0.00	-0.28	-0.50	0.0
7217	-136.8	-109.1	-199.0	-182.9	60.2	48.3	0.0331	0.0462	0.0022	1.83	1.31	27.10	0.00	-0.22	-0.41	0.0
7218	-1171.0	-1245.8	-5743.1	98.5	-848.7	2258.4	0.0331	0.0462	0.0055				-0.24	-1.12	-6.80	
7219	-1564.9	-1302.6	-7595.0	-15.7	-1857.7	1206.9	0.0331	0.0462	0.0055				-0.73	-1.42	-8.31	
7220	-1321.7	-1243.2	-9232.6	-174.2	-599.6	288.3	0.0331	0.0462	0.0055				-1.06	-1.45	-9.29	
7221	-1506.4	-1276.9	-10201.8	-180.3	-268.2	-131.2	0.0331	0.0462	0.0055				-1.18	-1.60	-10.21	
7222	-1697.8	-1508.7	-12180.7	-89.9	652.4	-469.2	0.0331	0.0462	0.0055				-1.43	-1.72	-12.24	
7223	-4077.2	-1818.2	-8439.9	792.3	4643.9	-505.3	0.0331	0.0462	0.0055				-0.93	-1.94	-11.46	
7224	-2444.7	-1736.4	-4906.7	665.2	954.9	-1413.6	0.0331	0.0462	0.0057				-1.12	-2.14	-5.82	
7225	-2351.4	-1492.9	-4811.9	527.0	1164.4	-838.1	0.0331	0.0462	0.0057				-1.21	-1.93	-5.51	
7226	-1855.6	-1153.8	-4165.7	259.4	960.4	-532.9	0.0331	0.0462	0.0057				-1.05	-1.52	-4.61	
7227	-1328.6	-716.0	-2185.6	99.7	1607.9	-285.8	0.0331	0.0462	0.0057				-0.08	-0.70	-3.45	
7228	-1631.3	-975.0	-9688.7	-115.4	-736.3	-131.2	0.0331	0.0462	0.0055				-0.96	-1.58	-9.76	
7229	-1632.3	-1122.3	-10288.9	-173.9	-632.7	-253.9	0.0331	0.0462	0.0055				-1.07	-1.63	-10.34	
7230	-1615.8	-1379.7	-11345.8	-175.4	-291.0	-496.4	0.0331	0.0462	0.0055				-1.28	-1.68	-11.38	
7231	-2597.2	-2347.8	-9694.2	724.4	2530.1	-2085.8	0.0331	0.0462	0.0055				-1.74	-1.84	-11.06	
7232	-2224.1	-3288.0	-8006.9	1176.0	1254.4	-4670.3	0.0331	0.0462	0.0055				-0.34	-1.98	-11.20	
7233	-3291.5	-2389.2	-6022.2	1413.5	2998.4	-2649.1	0.0331	0.0462	0.0057				-0.96	-1.49	-9.26	
7234	-2175.3	-1266.1	-4153.0	451.7	812.2	-557.9	0.0331	0.0462	0.0057				-1.06	-1.95	-4.58	
7235	-1805.3	-1167.7	-4023.2	248.3	797.1	-678.7	0.0331	0.0462	0.0057				-1.01	-1.55	-4.44	
7236	-1453.4	-869.3	-2887.8	142.8	1250.7	-840.0	0.0331	0.0462	0.0057				-0.40	-0.98	-3.83	
7237	-919.0	-492.1	-1279.7	-20.1	1095.8	-640.5	0.0331	0.0462	0.0057	8.51	6.09	49.78	0.00	-0.92	-2.62	0.0
7238	-1781.4	-3292.2	-7173.3	297.9	-378.9	-3225.2	0.0331	0.0462	0.0057				-1.15	-2.09	-9.00	
7239	-1881.0	-3486.7	-7609.3	489.6	-199.3	-3586.8	0.0331	0.0462	0.0057				-1.07	-2.22	-9.69	
7240	-1986.2	-3691.2	-8125.8	850.7	597.2	-4145.4	0.0331	0.0462	0.0057				-1.01	-2.08	-10.71	
7241	-2567.0	-2658.2	-6000.2	1241.8	2576.8	-2482.8	0.0331	0.0462	0.0057				-1.16	-1.40	-8.66	
7242	-1761.1	-1461.6	-3501.3	456.2	882.9	-548.0	0.0331	0.0462	0.0057				-1.13	-1.55	-4.05	
7243	-1601.7	-1399.3	-3655.8	410.2	290.3	-729.3	0.0331	0.0462	0.0057				-1.01	-1.71	-3.94	
7244	-1743.7	-1175.9	-3766.2	305.9	823.6	-785.0	0.0331	0.0462	0.0057				-0.95	-1.45	-4.29	
7245	-1415.5	-826.2	-2721.9	134.7	1096.2	-830.3	0.0331	0.0462	0.0057				-0.40	-0.99	-3.57	
7246	-976.0	-498.6	-1317.6	24.0	1037.1	-696.9	0.0331	0.0462	0.0057	6.63	4.74	38.76	0.00	-0.87	-2.58	0.0
7247	-569.3	-262.4	-650.9	-125.8	457.6	-223.2	0.0331	0.0462	0.0057	1.37	0.98	8.03	0.00	-0.50	-1.12	0.0
7248	-1205.7	-1589.8	-3490.5	221.5	-117.4	-1228.7	0.0331	0.0462	0.0057				-0.82	-1.37	-4.09	
7249	-1298.2	-1607.6	-3553.2	255.6	65.2	-1317.5	0.0331	0.0462	0.0057				-0.85	-1.38	-4.23	
7250	-1397.6	-1557.9	-3500.9	270.2	292.8	-1225.3	0.0331	0.0462	0.0057				-0.93	-1.38	-4.15	
7251	-1442.0	-1410.0	-3574.3	293.7	293.2	-1034.7	0.0331	0.0462	0.0057				-0.94	-1.44	-4.05	
7252	-1539.5	-1189.6	-3544.8	253.8	503.0	-784.1	0.0331	0.0462	0.0057				-0.93	-1.43	-3.91	
7253	-1404.4	-971.2	-3288.9	103.6	472.9	-540.7	0.0331	0.0462	0.0057				-0.85	-1.29	-3.52	
7254	-1256.0	-756.4	-2446.8	80.9	886.9	-725.6	0.0331	0.0462	0.0057				-0.39	-0.95	-3.12	
7255	-957.1	-444.8	-1208.0	-28.2	918.8	-611.3	0.0331	0.0462	0.0057	5.42	3.88	31.72	0.00	-0.84	-2.31	0.0
7256	-613.4	-225.1	-645.3	-137.5	389.1	-196.5	0.0331	0.0462	0.0057	0.12	0.09	0.71	0.00	-0.47	-1.03	0.0
7257	-407.3	-147.5	-408.7	-184.4	257.9	-89.9	0.0331	0.0462	0.0022	1.46	1.05	21.67	0.00	-0.38	-0.72	0.0
7258	-823.9	-691.8	-1585.5	128.9	29.0	-1011.7	0.0331	0.0462	0.0057				-0.02	-0.83	-2.25	
7259	-884.0	-688.7	-1602.8	93.7	78.9	-1019.1	0.0331	0.0462	0.0057				-0.03	-0.88	-2.27	
7260	-935.8	-685.8	-1643.5	59.7	115.7	-1023.6	0.0331	0.0462	0.0057				-0.03	-0.92	-2.31	
7261	-1009.7	-672.6	-1701.4	-47.7	135.1	-1007.5	0.0331	0.0462	0.0057				-0.04	-1.02	-2.32	
7262	-1078.5	-686.5	-2331.6	-78.4	-108.7	-700.7	0.0331	0.0462	0.0057				-0.43	-1.07	-2.60	
7263	-1111.0	-599.6	-2138.1	-80.8	661.9	-565.3	0.0331	0.0462	0.0057				-0.29	-0.98	-2.58	
7264	-875.9	-346.6	-1042.2	-105.6	724.6	-433.5	0.0331	0.0462	0.0057	3.00	2.15	17.57	0.00	-0.73	-1.84	0.0
7265	-608.6	-169.3	-572.0	-167.9	277.1	-96.3	0.0331	0.0462	0.0057				-0.04	-0.44	-0.87	
7266	-448.6	-112.6	-366.6	-193.3	194.6	-30.9	0.0331	0.0462	0.0022	0.35	0.25	5.15	0.00	-0.31	-0.65	0.0
7267	-316.9	-90.6	-239.3	-206.0	79.7	58.8	0.0331	0.0462	0.0022	0.96	0.68	14.17	0.00	-0.23	-0.51	0.0
7268	-504.5	-84.3	-291.8	45.4	49.3	9.4	0.0331	0.0462	0.0022				-0.08	-0.28	-0.52	
7269	-539.2	-85.0	-301.8	-42.5	31.6	8.3	0.0331	0.0462	0.0022				-0.08	-0.30	-0.55	
7270	-570.3	-92.3	-324.1	-86.5	-30.3	-19.6	0.0331	0.0462	0.0022				-0.08	-0.32	-0.59	
7271	-607.8	-114.8	-390.4	-134.6	-75.3	-30.4	0.0331	0.0462	0.0022				-0.08	-0.37	-0.67	
7272	-714.5	-253.5	-794.5	-145.1	-224.1	-308.7	0.0331	0.0462	0.0057				-0.11	-0.54	-1.11	
7273	-774.4	-239.3	-714.4	-168.3	392.1	-222.5	0.0331	0.0462	0.0057				-0.01	-0.58	-1.14	
7274	-590.2	-108.1	-381.8	-197.5	135.0	83.5	0.0331	0.0462	0.0057				-0.03	-0.32	-0.73	
7275	-458.5	-85.2	-189.8	-197.6	80.7	85.5	0.0331	0.0462	0.0022	0.36	0.26	5.37	0.00	-0.18	-0.59	0.0
7276	-353.2	-78.7	-88.2	-199.3	-32.7	116.2	0.0331	0.0462	0.0022	3.03	2.17	44.94	0.00	-0.26	-0.56	0.0
7277	-269.8	-86.1	-16.7	-193.8	-70.8	108.4	0.0331	0.0462	0.0022	4.29	3.07	63.59	0.00	-0.26	-0.53	0.0
7278	-30.1	-107.2	68.7	-106.8	-123.6	45.8	0.0331	0.0462	0.0140	5.64	4.04	13.36	0.00	-0.25	-0.37	0.0
7279	-52.2	-109.1	76.4	-118.6	-126.6	52.3	0.0331	0.0462	0.0140	5.86	4.19	13.88	0.00	-0.26	-0.40	0.0
7280	-77.9	-110.1	83.2	-130.8	-129.3	60.5	0.0331	0.0462	0.0140	6.09	4.36	14.43	0.00	-0.28	-0.43	0.0
7281	-22.2	-102.0	-60.3	-140.0	-82.7	74.0	0.0331	0.0462	0.0140	4.34	3.11	10.28	0.00	-0.26	-0.35	0.0
7282	-47.7	-101.9	-53.7	-149.2	-84.4	78.2	0.0331	0.0462	0.0140	4.34	3.11	10.30	0.00	-0.26	-0.37	0.0
7283	-75.6	-102.1	-44.7	-157.5	-86.4	82.6	0.0331	0.0462	0.0022	4.37	3.13	64.73	0.00	-0.26	-0.39	0.0
7284	-53.7	-104.7	-147.9	-160.8	-16.6	55.9	0.0331	0.0462	0.0140	2.83	2.03	6.71	0.00	-0.24	-0.35	0.0
7285	-71.6	-102.3	-141.0	-167.4	-25.4	64.7	0.0331	0.0462	0.0022	2.95	2.11	43.72	0.00	-0.25	-0.36	0.0
7286	-93.7	-101.3	-129.6	-173.9	-31.9	73.7	0.0331	0.0462	0.0022	3.04	2.18	45.06	0.00	-0.25	-0.38	0.0
7287	-205.3	-97.3	27.2	-182.8	-100.1	99.5	0.0331	0.0462	0.0022	5.24	3.75	77.61	0.00	-0.28	-0.52	0.0
7288	-223.8	-90.5	-158.1	-202.8	25.3	81.2	0.0331	0.0462	0.0022	2.07	1.48	30.60	0.00	-0.22	-0.46	0.0
7289	-268.8	-115.8	-281.5	-199.8	126.7	23.7	0.0331	0.0462	0.0022	0.95	0.68	14.03	0.00	-0.25	-0.51	0.0
7290	-152.7	-107.0	55.8	-167.4	-116.8	85.2	0.0331	0.0462	0.0022	5.73	4.11	84.96	0.00	-0.28	-0.49	0.0
7291	-159.0	-97.1	-104.6	-190.1	-45.5	90.4	0.0331	0.0462	0.0022	3.32	2.38	49.23	0.00	-0.26	-0.43	0.0
7292	-186.1	-108.0	-206.7	-196.4	67.4	55.7	0.0331	0.0462	0.0022	1.61	1.15	23.82	0.00	-0.22	-0.44	0.0
7293	-110.9	-112.1	77.6	-148.5	-126.5	69.9	0.0331	0.0462	0.0022	6.03	4.32	89.38	0.00	-0.28	-0.47	0.0
7294	-111.2	-102.8	-59.1	-172.7	-73.4	88.2	0.0331	0.0462	0.0022	4.04	2.89	59.83	0.00	-0.26	-0.41	0.0
7295	-127.4	-104.2	-149.2	-183.1	-14.9	73.9	0.0331	0.0462	0.0022	2.58	1.85	38.29	0.00	-0.24	-0.40	0.0
7304	-429.9	-34.5	-590.0	134.7	492.1	-187.0	0.0290	0.0406	0.0127	0.89	0.63	2.03	0.00	-0.05	-1.09	0.0
7355	16.1	-263.8	-932.1	-31.9	63.5	-630.6	0.0388	0.0358	0.0127	3.71	4.03	11.34	0.00	-0.16	-1.46	0.0
7356	22.7	-267.3	-951.4	28.1	92.2	-639.9	0.0386	0.0358	0.0127	3.16	3.41	9.61	0.00	-0.10	-1.46	0.0
7357	23.9	-259.7	-989.6	58.8	124.6	-641.5	0.0383	0.0360	0.0127	3.00	3.20	9.07	0.00	-0.08	-1.49	0.0
7358	26.2	-237.9	-1066.4	90.0	166.8	-641.4	0.0379	0.0362	0.0127	2.94	3.08	8.76	0.00	-0.06	-1.55	0.0
7359	101.6	-140.2	-1057.6	120.5	315.8	-578.2	0.0373	0.0365	0.0127	5.14	5.25	15.08	0.00	-0.07	-1.60	0.0
7360	71.7	-76.4	-998.1	195.7	392.6	-479.6	0.0366	0.0369	0.0161	5.87	5.83	13.32	0.00	-0.09	-1.55	0.0
7361	-60.6	-66.8	-837.0	191.0	516.2	-358.7	0.0357	0.0373	0.0127	5.54	5.31	15.58	0.00	-0.12	-1.43	0.0
7362	-109.3	-20.0	-615.8	156.6	488.8	-226.8	0.0348	0.0377	0.0127	5.45	5.03	14.93	0.00	-0.13	-1.18	0.0
7363	-125.7	11.3	-429.4	123.3	434.6	-137.8	0.0338	0.0383	0.0127	5.50	4.86	14.63	0.00	-0.14	-0.97	0.0
7364	-118.7	35.7	-280.7	90.0	366.1	-70.4	0.0327	0.0388	0.0127	5.52	4.65	14.21	0.00	-0.13	-0.77	0.0
7365	-54.6	53.9	39.2	13.7	98.7	67.4	0.0125	0.0422	0.0244	11.79	3.48	6.02	0.00	-0.13	-0.27	0.0
7366	-55.0	53.6	32.4	15.4	121.0	73.3	0.0136	0.0416	0.0244	11.92	3.89	6.64	0.00	-0.15	-0.31	0.0
7367	-56.6	54.9	21.2	17.3	148.7	78.9	0.0147	0.0411	0.0244	12.19	4.38	7.36	0.00	-0.16	-0.36	0.0
7373	-314.5	3.1	-414.8	88.8	368.6	-117.3	0.0152	0.0409	0.0244	2.30	0.85	1.43	0.00	-0.03	-0.80	0.0
7374	-105.4	49.3	-168.0	62.1	301.9	27.8	0.0316	0.0394	0.0127	6.19	4.97	15.39	0.00	-0.17	-0.64	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
7377	-89.0	54.8	-84.3	39.7	243.8	58.0	0.0305	0.0399	0.0127	6.31	4.81	15.11	0.00	-0.17	-0.52	0.0
7380	-69.2	55.9	-15.6	24.0	190.9	75.3	0.0159	0.0405	0.0244	11.97	4.70	7.79	0.00	-0.17	-0.43	0.0
7382	-331.5	-2.1	-463.8	105.2	404.9	-138.7	0.0293	0.0405	0.0127	1.28	0.92	2.95	0.00	-0.03	-0.88	0.0
7391	-270.9	43.7	-991.6	175.3	753.1	-323.1	0.0287	0.0229	0.0127	7.33	9.17	16.54	0.00	-0.09	-1.76	0.0
7442	221.1	-176.4	-1644.3	-29.6	-54.4	-728.9	0.0388	0.0179	0.0127	5.75	12.48	17.57	0.00	-0.10	-2.17	0.0
7443	239.5	-177.5	-1664.6	36.6	111.7	-735.0	0.0386	0.0180	0.0127	6.37	13.71	19.38	0.00	-0.12	-2.22	0.0
7444	254.8	-168.1	-1681.2	80.8	193.7	-723.7	0.0383	0.0181	0.0127	7.16	15.15	21.60	0.00	-0.15	-2.27	0.0
7445	266.0	-142.9	-1668.2	130.1	298.3	-686.1	0.0379	0.0184	0.0127	8.30	17.11	24.72	0.00	-0.19	-2.29	0.0
7446	232.0	-122.2	-1624.1	179.4	394.2	-622.0	0.0372	0.0187	0.0127	8.68	17.32	25.44	0.00	-0.23	-2.26	0.0
7447	194.6	-85.0	-1533.3	197.8	487.4	-540.5	0.0365	0.0190	0.0127	9.16	17.55	26.29	0.00	-0.24	-2.18	0.0
7448	154.9	-33.2	-1408.7	215.3	548.5	-450.3	0.0356	0.0195	0.0127	9.74	17.83	27.32	0.00	-0.26	-2.07	0.0
7449	88.5	2.7	-1258.8	215.8	592.3	-354.8	0.0347	0.0200	0.0127	9.70	16.85	26.46	0.00	-0.25	-1.92	0.0
7450	35.9	38.0	-1091.7	199.8	594.5	-261.5	0.0336	0.0205	0.0127	9.54	15.65	25.22	0.00	-0.24	-1.74	0.0
7451	-1.7	65.5	-931.0	176.5	568.5	-179.6	0.0325	0.0210	0.0127	9.30	14.36	23.78	0.00	-0.23	-1.55	0.0
7452	-57.7	111.1	-368.5	68.1	326.2	71.8	0.0121	0.0245	0.0244	18.81	9.28	9.32	0.00	-0.20	-0.80	0.0
7453	-51.3	109.8	-419.6	77.1	352.8	71.3	0.0133	0.0240	0.0244	18.30	10.12	9.92	0.00	-0.21	-0.88	0.0
7454	-44.1	109.0	-479.8	87.8	384.1	68.5	0.0144	0.0234	0.0244	18.05	11.13	10.65	0.00	-0.23	-0.96	0.0
7460	-211.9	64.9	-807.8	147.2	644.1	-236.6	0.0148	0.0232	0.0244	13.51	8.63	8.18	0.00	-0.08	-1.48	0.0
7461	-24.2	85.2	-789.4	150.4	527.3	-115.0	0.0313	0.0216	0.0127	9.02	13.08	22.25	0.00	-0.21	-1.37	0.0
7464	-36.8	98.0	-668.0	125.9	480.7	-66.9	0.0302	0.0222	0.0127	8.73	11.86	20.72	0.00	-0.19	-1.20	0.0
7467	-40.5	106.4	-561.1	104.1	429.3	51.7	0.0156	0.0228	0.0244	17.91	12.25	11.43	0.00	-0.25	-1.08	0.0
7469	-204.6	57.8	-871.6	161.6	669.0	-265.4	0.0156	0.0228	0.0244	13.43	9.19	8.57	0.00	-0.08	-1.56	0.0
7478	-146.3	41.3	-1296.6	171.8	812.0	-343.1	0.0150	0.0231	0.0244	18.30	11.85	11.20	0.00	-0.15	-2.07	0.0
7529	243.8	-170.3	-2026.6	-24.0	-64.7	-707.1	0.0388	0.0179	0.0127	6.33	13.74	19.33	0.00	-0.18	-2.51	0.0
7530	256.4	-169.9	-2040.8	36.4	112.5	-710.5	0.0386	0.0180	0.0127	6.78	14.58	20.61	0.00	-0.19	-2.55	0.0
7531	261.6	-161.5	-2038.6	76.6	204.3	-697.9	0.0383	0.0181	0.0127	7.32	15.47	22.08	0.00	-0.21	-2.57	0.0
7532	251.6	-145.9	-2016.1	116.2	297.6	-668.1	0.0378	0.0184	0.0127	7.77	15.98	23.11	0.00	-0.23	-2.56	0.0
7533	233.3	-119.1	-1968.1	149.8	389.6	-622.6	0.0372	0.0187	0.0127	8.27	16.44	24.18	0.00	-0.24	-2.54	0.0
7534	198.6	-87.9	-1896.0	179.6	471.2	-561.8	0.0364	0.0191	0.0127	8.60	16.41	24.63	0.00	-0.25	-2.48	0.0
7535	153.3	-55.4	-1801.4	195.6	536.9	-489.3	0.0355	0.0195	0.0127	8.73	15.87	24.38	0.00	-0.25	-2.38	0.0
7536	109.1	-19.2	-1690.1	200.3	580.7	-412.2	0.0345	0.0200	0.0127	8.84	15.24	24.01	0.00	-0.24	-2.27	0.0
7537	63.7	12.5	-1569.4	195.0	604.9	-335.0	0.0334	0.0206	0.0127	8.79	14.28	23.11	0.00	-0.23	-2.14	0.0
7538	24.5	40.2	-1444.7	181.3	607.4	-261.5	0.0323	0.0211	0.0127	8.63	13.17	21.92	0.00	-0.22	-2.00	0.0
7539	-69.1	99.0	-854.6	83.7	461.6	53.5	0.0118	0.0247	0.0244	18.94	9.01	9.11	0.00	-0.20	-1.29	0.0
7540	-61.3	97.4	-931.2	94.5	482.9	-64.2	0.0129	0.0241	0.0244	15.02	8.05	7.94	0.00	-0.13	-1.35	0.0
7541	-51.7	94.9	-1014.8	107.0	506.3	-78.2	0.0141	0.0235	0.0244	14.82	8.88	8.55	0.00	-0.15	-1.45	0.0
7547	-129.0	54.5	-1169.1	155.4	729.2	-265.2	0.0145	0.0233	0.0244	17.17	10.65	10.17	0.00	-0.14	-1.85	0.0
7548	-5.4	61.5	-1325.0	163.2	593.9	-198.8	0.0311	0.0217	0.0127	8.42	12.04	20.60	0.00	-0.20	-1.85	0.0
7551	-27.1	77.8	-1213.3	143.8	570.5	-146.8	0.0165	0.0223	0.0127	14.85	10.97	19.28	0.00	-0.19	-1.71	0.0
7554	-40.9	89.8	-1108.2	124.1	538.0	-104.2	0.0153	0.0229	0.0127	14.89	9.93	17.92	0.00	-0.17	-1.57	0.0
7556	-115.1	46.2	-1232.9	166.6	739.0	-292.6	0.0153	0.0229	0.0244	16.68	11.11	10.43	0.00	-0.15	-1.92	0.0
7565	-78.2	12.3	-1514.1	151.0	791.1	-329.5	0.0146	0.0233	0.0244	18.60	11.71	11.14	0.00	-0.19	-2.20	0.0
7616	206.6	-150.8	-2157.6	-21.8	-70.9	-670.3	0.0388	0.0179	0.0127	5.38	11.67	16.42	0.00	-0.16	-2.57	0.0
7617	212.8	-150.4	-2169.6	29.1	98.0	-673.1	0.0386	0.0180	0.0127	5.61	12.07	17.06	0.00	-0.16	-2.59	0.0
7618	211.2	-144.1	-2167.4	60.8	183.3	-663.5	0.0383	0.0181	0.0127	5.90	12.45	17.77	0.00	-0.17	-2.61	0.0
7619	201.7	-131.7	-2148.9	91.4	269.2	-641.5	0.0378	0.0184	0.0127	6.19	12.72	18.41	0.00	-0.18	-2.60	0.0
7620	182.2	-114.5	-2113.7	119.0	351.5	-606.7	0.0371	0.0187	0.0127	6.43	12.75	18.79	0.00	-0.19	-2.58	0.0
7621	155.5	-92.7	-2061.7	140.4	426.1	-561.2	0.0363	0.0191	0.0127	6.64	12.61	18.97	0.00	-0.19	-2.53	0.0
7622	123.3	-67.8	-1995.3	155.4	489.5	-507.5	0.0354	0.0196	0.0127	6.79	12.29	18.93	0.00	-0.19	-2.47	0.0
7623	87.1	-42.8	-1917.4	162.7	539.1	-448.3	0.0344	0.0201	0.0127	6.86	11.74	18.56	0.00	-0.19	-2.40	0.0
7624	51.9	-18.1	-1831.8	162.5	573.2	-387.1	0.0333	0.0207	0.0127	6.87	11.07	17.99	0.00	-0.18	-2.31	0.0
7625	19.2	4.4	-1742.3	156.0	592.2	-326.6	0.0321	0.0212	0.0127	6.82	10.29	17.21	0.00	-0.17	-2.21	0.0
7626	-76.5	60.3	-1225.6	80.3	542.2	-105.1	0.0114	0.0249	0.0244	13.49	6.20	6.31	0.00	-0.10	-1.61	0.0
7627	-68.7	57.8	-1306.1	90.7	554.4	-125.0	0.0126	0.0243	0.0244	12.78	6.64	6.59	0.00	-0.11	-1.69	0.0
7628	-58.9	54.7	-1390.4	102.0	565.9	-148.3	0.0138	0.0237	0.0244	12.28	7.16	6.93	0.00	-0.12	-1.79	0.0
7634	-82.2	21.8	-1438.0	140.2	734.1	-271.6	0.0142	0.0235	0.0244	17.04	10.27	9.87	0.00	-0.17	-2.05	0.0
7635	-7.9	22.7	-1652.6	144.9	598.3	-272.1	0.0175	0.0219	0.0127	11.88	9.49	16.32	0.00	-0.16	-2.10	0.0
7638	-29.7	37.7	-1564.3	131.6	594.6	-223.3	0.0162	0.0225	0.0127	12.04	8.70	15.38	0.00	-0.14	-2.00	0.0
7641	-46.1	49.1	-1476.4	116.4	581.7	-180.5	0.0150	0.0231	0.0127	12.16	7.92	14.37	0.00	-0.13	-1.89	0.0
7643	-67.8	14.6	-1495.4	148.0	731.2	-296.8	0.0150	0.0231	0.0244	16.20	10.51	9.93	0.00	-0.17	-2.10	0.0
7652	-41.0	-17.9	-1644.0	126.9	752.7	-316.5	0.0143	0.0234	0.0244	17.92	10.98	10.52	0.00	-0.22	-2.26	0.0
7703	157.8	-135.1	-2151.4	-21.5	-75.0	-630.0	0.0388	0.0179	0.0127	4.13	8.96	12.61	0.00	-0.11	-2.49	0.0
7704	161.1	-135.5	-2163.4	20.7	77.7	-633.2	0.0386	0.0180	0.0127	4.24	9.11	12.88	0.00	-0.12	-2.51	0.0
7705	158.2	-131.3	-2163.7	45.5	154.6	-626.7	0.0383	0.0181	0.0127	4.41	9.29	13.27	0.00	-0.12	-2.52	0.0
7706	148.8	-123.1	-2151.8	69.2	231.2	-610.3	0.0377	0.0184	0.0127	4.56	9.36	13.56	0.00	-0.13	-2.52	0.0
7707	133.5	-111.1	-2128.0	90.0	304.9	-584.7	0.0371	0.0187	0.0127	4.72	9.34	13.77	0.00	-0.13	-2.50	0.0
7708	113.0	-96.5	-2093.1	107.3	373.1	-551.2	0.0363	0.0192	0.0127	4.86	9.20	13.87	0.00	-0.13	-2.47	0.0
7709	88.6	-80.0	-2048.6	119.9	433.6	-511.3	0.0353	0.0196	0.0127	4.99	8.97	13.86	0.00	-0.13	-2.44	0.0
7710	62.2	-62.4	-1996.6	127.5	484.8	-466.9	0.0342	0.0202	0.0127	5.09	8.65	13.73	0.00	-0.13	-2.39	0.0
7711	35.1	-44.9	-1939.2	130.0	525.8	-419.7	0.0331	0.0207	0.0127	5.17	8.25	13.45	0.00	-0.13	-2.33	0.0
7712	9.1	-28.1	-1878.0	127.6	556.2	-371.6	0.0319	0.0213	0.0127	5.21	7.78	13.06	0.00	-0.13	-2.27	0.0
7713	-78.7	23.1	-1457.5	73.4	600.8	-156.2	0.0111	0.0250	0.0244	13.32	5.92	6.06	0.00	-0.11	-1.85	0.0
7714	-72.0	20.5	-1530.9	80.9	599.2	-181.1	0.0123	0.0244	0.0244	11.77	5.93	5.93	0.00	-0.10	-1.91	0.0
7715	-62.4	15.8	-1606.1	90.3	598.1	-209.4	0.0135	0.0238	0.0244	10.74	6.10	5.94	0.00	-0.10	-1.98	0.0
7721	-55.2	-10.3	-1601.6	119.2	720.3	-278.3	0.0139	0.0236	0.0244	16.50	9.67	9.36	0.00	-0.19	-2.16	0.0
7722	-13.7	-13.6	-1814.5	121.5	577.0	-326.5	0.0172	0.0220	0.0127	9.31	7.31	12.63	0.00	-0.12	-2.20	0.0
7725	-33.1	-0.9	-1748.6	112.7	589.9	-283.7	0.0160	0.0226	0.0127	9.69	6.87	12.20	0.00	-0.11	-2.13	0.0
7728	-49.0	9.5	-1679.0	101.7	595.6	-243.9	0.0148	0.0232	0.0127	10.14	6.45	11.77	0.00	-0.11	-2.06	0.0
7730	-42.0	-16.3	-1650.4	124.5	703.2	-301.5	0.0147	0.0232	0.0244	15.15	9.59	9.11	0.00	-0.19	-2.19	0.0
7739	-15.9	-40.0	-1701.9	109.6	711.9	-313.1	0.0141	0.0146	0.0244	17.40	16.73	10.01	0.00	-0.23	-2.26	0.0
7790	116.4	-124.6	-2077.7	-21.9	-76.7	-597.5	0.0388	0.0089	0.0127	3.07	13.31	9.37	0.00	-0.08	-2.37	0.0
7791	118.8	-125.6	-2089.5	13.9	57.5	-601.3	0.0386	0.0090	0.0127	3.12	13.31	9.47	0.00	-0.08	-2.38	0.0
7792	116.2	-123.4	-2092.2	33.6	125.6	-597.3	0.0383	0.0092	0.0127	3.22	13.37	9.70	0.00	-0.08	-2.39	0.0
7793	108.8	-118.1	-2086.0	52.4	194.0	-585.7	0.0377	0.0095	0.0127	3.34	13.26	9.90	0.00	-0.08	-2.39	0.0
7794	97.0	-110.4	-2071.4	69.2	260.6	-567.1	0.0370	0.0098	0.0127	3.45	13.00	10.06	0.00	-0.09	-2.38	0.0
7795	81.6	-100.7	-2049.3	83.4	323.4	-542.3	0.0362	0.0103	0.0127	3.59	12.64	10.21	0.00	-0.09	-2.37	0.0
7796	63.5	-89.4	-2021.0	94.4	381.0	-512.3	0.0352	0.0107	0.0127	3.72	12.20	10.32	0.00	-0.09	-2.35	0.0
7797	43.6	-77.3	-1987.7	101.8	432.4	-478.3	0.0341	0.0113	0.0127	3.87	11.70	10.39	0.00	-0.10	-2.32	0.0
7798	23.1	-64.6	-1950.9	105.6	477.0	-441.6	0.0329	0.0119	0.0127	4.02	11.15	10.42	0.00	-0.10	-2.29	0.0
7799	2.8	-51.7	-1911.0	105.7	514.6	-403.1	0.0317	0.0125	0.0127	4.18	10.60	10.43	0.00	-0.10	-2.26	0.0
7800	-81.4	0.9	-1580.1	-99.2	681.8	-197.9	0.0108	0.0162	0.0244	26.01	17.36	11.53	0.00	-0.37	-2.14	0.0
7801	-69.7	-5.6	-1637.9	-85.6	660.1	-225.2	0.0120	0.0156	0.0244	22.25	17.11	10.95	0.00	-0.35	-2.16	0.0
7802	-58.0	-11.4	-1701.4	81.9	620.4	-257.5	0.0133	0.0150	0.0244	11.33	9.99	6.14	0.00	-0.12	-2.10	0.0
7808	-33.5	-32.6	-1679.0	103.6	703.5	-289.6	0.0136	0.0149	0.0244	16.67	15.24	9.26	0.00	-0.21	-2.21	0.0
7809	-15.7	-39.6	-1867.5	102.8	545.8	-366.0	0.0170	0.0131	0.0127	7.83	10.15	10.49	0.00	-0.10	-2.22	0.0
7812	-32.0	-28.3	-1819.2	97.5	571.9	-328.9	0.0158	0.0138	0.0127	8.59	9.84	10.65	0.00	-0.11	-2.18	0.0
7815	-46.1	-18.4	-1763.9	90.1	595.3	-292.7	0.0145	0.0144	0.0127	9.66	9.73	11.02	0.00	-0.11	-2.14	0.0
7817	-23.0	-38.2	-1720.4	107.2	669.4	-311.2	0.0144	0.0144	0.0244	14.50	14.50	8.56	0.00	-0.19	-2.22	0.0
7826	12.4	-54.5	-1711.7	-145.9	647.0	-320.7	0.0138	0.0148	0.0244	27.04	25.26	15.25	0.00	-0.54	-2.34	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
7877	84.0	-119.0	-1984.1	-22.4	-76.4	-578.2	0.0388	0.0089	0.0127	2.24	9.71	6.84	0.00	-0.04	-2.24	0.0
7878	86.1	-120.5	-1995.3	-11.4	39.7	-582.4	0.0386	0.0090	0.0127	2.49	10.64	7.57	0.00	-0.06	-2.26	0.0
7879	84.5	-119.5	-1999.7	25.5	100.4	-580.2	0.0382	0.0092	0.0127	2.34	9.69	7.04	0.00	-0.04	-2.26	0.0
7880	79.3	-116.2	-1997.6	41.0	162.2	-571.9	0.0377	0.0095	0.0127	2.44	9.69	7.24	0.00	-0.05	-2.26	0.0
7881	70.8	-111.0	-1989.7	55.1	223.0	-557.8	0.0370	0.0099	0.0127	2.57	9.63	7.48	0.00	-0.05	-2.26	0.0
7882	59.6	-104.2	-1976.7	67.3	281.4	-538.7	0.0361	0.0103	0.0127	2.72	9.55	7.74	0.00	-0.06	-2.26	0.0
7883	46.4	-96.1	-1959.4	77.1	336.1	-515.1	0.0351	0.0108	0.0127	2.90	9.44	8.02	0.00	-0.07	-2.25	0.0
7884	31.8	-87.1	-1939.0	84.4	386.4	-487.9	0.0340	0.0114	0.0127	3.11	9.31	8.31	0.00	-0.07	-2.24	0.0
7885	16.6	-77.1	-1915.9	89.0	431.9	-458.1	0.0328	0.0120	0.0127	3.34	9.17	8.62	0.00	-0.08	-2.22	0.0
7886	1.5	-66.1	-1890.0	90.8	472.6	-426.2	0.0181	0.0126	0.0127	6.29	9.05	8.97	0.00	-0.09	-2.21	0.0
7887	-49.6	12.7	-1615.4	-429.5	993.6	-214.2	0.0219	0.0164	0.0244	34.12	45.61	30.54	0.00	-1.05	-2.84	0.0
7888	-43.4	-9.8	-1651.5	-197.7	691.2	-257.4	0.0118	0.0158	0.0244	34.21	25.51	16.46	0.00	-0.59	-2.33	0.0
7889	-43.3	-23.0	-1717.0	-112.4	619.9	-293.9	0.0130	0.0151	0.0244	22.81	19.57	12.13	0.00	-0.42	-2.25	0.0
7895	-3.5	-45.8	-1699.7	-168.2	657.8	-306.7	0.0133	0.0150	0.0244	28.99	25.72	15.78	0.00	-0.57	-2.34	0.0
7896	-12.5	-55.1	-1859.8	90.4	509.0	-394.7	0.0168	0.0132	0.0127	7.11	9.04	9.42	0.00	-0.09	-2.19	0.0
7899	-24.9	-44.3	-1822.7	88.2	542.6	-362.1	0.0155	0.0139	0.0127	8.21	9.19	10.04	0.00	-0.10	-2.17	0.0
7902	-35.7	-33.5	-1775.3	84.6	577.4	-329.1	0.0143	0.0145	0.0127	9.83	9.66	11.03	0.00	-0.12	-2.15	0.0
7904	-1.0	-51.5	-1735.4	-127.9	617.2	-327.1	0.0142	0.0146	0.0244	23.63	22.99	13.70	0.00	-0.49	-2.31	0.0
7965	263.6	26.2	-798.1	-178.0	916.2	75.4	0.0420	0.0244	0.0244	19.28	33.19	33.11	0.00	-0.78	-2.15	0.0
7966	265.0	20.3	-795.3	-146.8	844.2	50.0	0.0418	0.0245	0.0244	17.86	30.53	30.56	0.00	-0.73	-2.02	0.0
7967	257.9	18.3	-811.5	95.9	850.0	-21.8	0.0418	0.0245	0.0244	17.58	30.04	30.07	0.00	-0.72	-2.02	0.0
7968	241.3	20.4	-847.1	130.0	934.2	-48.7	0.0420	0.0244	0.0244	18.79	32.34	32.27	0.00	-0.77	-2.18	0.0
8029	317.2	44.8	-768.3	-209.2	284.3	182.4	0.0420	0.0244	0.0244	10.86	18.69	18.65	0.00	-0.42	-1.35	0.0
8030	312.1	51.7	-775.3	-151.0	275.2	113.5	0.0418	0.0245	0.0244	10.03	17.14	17.15	0.00	-0.39	-1.28	0.0
8031	310.3	51.5	-788.3	-124.0	278.7	-115.0	0.0418	0.0245	0.0244	10.39	17.76	17.78	0.00	-0.43	-1.30	0.0
8032	312.1	44.7	-810.0	152.6	296.4	-184.6	0.0420	0.0244	0.0244	9.95	17.12	17.09	0.00	-0.36	-1.35	0.0
8093	-60.8	-21.0	-893.2	31.0	-335.1	-122.3	0.0062	0.0154	0.0127	16.22	6.53	7.94	0.00	-0.15	-1.12	0.0
8094	-59.6	-20.8	-868.0	30.9	-327.7	122.4	0.0061	0.0155	0.0127	9.69	3.78	4.62	0.00	-0.07	-1.06	0.0
8095	-58.0	-20.1	-847.4	30.6	-322.0	128.3	0.0061	0.0155	0.0127	9.88	3.86	4.71	0.00	-0.07	-1.04	0.0
8096	-55.9	-18.9	-831.4	30.3	-318.0	133.6	0.0062	0.0154	0.0127	9.99	4.02	4.89	0.00	-0.07	-1.03	0.0
8157	-62.0	-24.8	-929.1	32.2	-351.3	-126.4	0.0062	0.0154	0.0127	17.05	6.86	8.34	0.00	-0.16	-1.17	0.0
8158	-60.9	-24.6	-904.2	32.0	-344.2	126.1	0.0061	0.0155	0.0127	10.53	4.11	5.02	0.00	-0.07	-1.11	0.0
8159	-59.3	-23.8	-883.5	31.7	-338.4	133.7	0.0061	0.0155	0.0127	10.74	4.19	5.12	0.00	-0.07	-1.09	0.0
8160	-57.1	-22.6	-867.2	31.4	-333.9	140.7	0.0062	0.0154	0.0127	10.83	4.36	5.30	0.00	-0.07	-1.08	0.0
8176	261.7	32.6	-803.9	-152.2	964.9	80.1	0.0422	0.0243	0.0244	19.94	34.67	34.43	0.00	-0.80	-2.23	0.0
8192	266.9	27.5	-802.5	-128.2	952.6	84.3	0.0424	0.0242	0.0244	19.57	34.38	33.98	0.00	-0.80	-2.20	0.0
8208	328.1	41.2	-778.8	-147.9	325.2	150.6	0.0422	0.0243	0.0244	10.54	18.33	18.20	0.00	-0.40	-1.35	0.0
8224	342.8	44.0	-778.5	159.0	310.5	97.5	0.0424	0.0242	0.0244	11.65	20.45	20.22	0.00	-0.52	-1.36	0.0
8255	-54.1	-17.6	-821.7	29.9	-315.9	136.9	0.0065	0.0153	0.0127	9.98	4.20	5.07	0.00	-0.07	-1.02	0.0
8256	-52.6	-16.6	-816.8	29.7	-315.1	139.4	0.0067	0.0152	0.0127	9.94	4.36	5.23	0.00	-0.07	-1.02	0.0
8287	-55.2	-21.4	-857.1	31.0	-331.2	145.2	0.0064	0.0153	0.0127	10.80	4.54	5.48	0.00	-0.07	-1.07	0.0
8288	-53.6	-20.3	-851.7	30.8	-329.8	148.6	0.0067	0.0152	0.0127	10.73	4.70	5.63	0.00	-0.08	-1.07	0.0
8289	283.4	9.8	-799.7	-111.7	884.1	100.5	0.0428	0.0239	0.0244	18.25	32.64	31.99	0.00	-0.76	-2.09	0.0
8290	300.4	-10.8	-810.9	-131.4	806.8	139.1	0.0435	0.0236	0.0244	16.74	30.84	29.80	0.00	-0.72	-1.99	0.0
8291	301.8	-18.3	-849.0	-162.4	813.5	187.6	0.0443	0.0232	0.0244	16.41	31.35	29.77	0.00	-0.71	-2.04	0.0
8292	292.1	8.6	-907.5	-166.6	891.2	221.9	0.0453	0.0227	0.0244	16.99	33.84	31.47	0.00	-0.71	-2.20	0.0
8353	356.2	52.3	-772.6	224.5	261.8	112.1	0.0428	0.0240	0.0244	12.54	22.41	21.97	0.00	-0.60	-1.37	0.0
8354	373.7	60.2	-783.8	156.5	247.3	158.4	0.0435	0.0236	0.0244	11.59	21.31	20.61	0.00	-0.51	-1.36	0.0
8355	395.7	62.0	-795.5	125.9	250.9	203.3	0.0443	0.0232	0.0244	11.51	21.92	20.85	0.00	-0.48	-1.39	0.0
8356	415.9	65.5	-831.2	-79.8	292.4	261.8	0.0452	0.0228	0.0244	10.67	21.18	19.74	0.00	-0.35	-1.45	0.0
8477	-50.4	-14.8	-812.3	29.7	-314.7	143.6	0.0071	0.0150	0.0127	9.81	4.63	5.47	0.00	-0.07	-1.02	0.0
8478	-47.6	-12.3	-809.8	29.8	-315.2	148.4	0.0078	0.0147	0.0127	9.49	5.02	5.79	0.00	-0.07	-1.02	0.0
8479	-44.6	-9.7	-811.5	30.2	-316.7	153.4	0.0086	0.0143	0.0127	9.08	5.46	6.13	0.00	-0.07	-1.03	0.0
8480	-41.7	-7.1	-816.6	30.9	-318.8	159.1	0.0095	0.0138	0.0127	8.61	5.95	6.46	0.00	-0.07	-1.04	0.0
8541	-51.3	-18.6	-846.5	30.8	-328.4	154.0	0.0071	0.0150	0.0127	10.55	4.95	5.86	0.00	-0.08	-1.06	0.0
8542	-48.2	-16.2	-842.8	30.8	-327.4	160.0	0.0077	0.0147	0.0127	10.17	5.33	6.17	0.00	-0.08	-1.07	0.0
8543	-45.0	-13.6	-843.0	31.0	-327.3	166.0	0.0085	0.0143	0.0127	9.68	5.76	6.48	0.00	-0.08	-1.07	0.0
8544	-41.7	-11.2	-846.5	31.5	-327.7	172.4	0.0094	0.0138	0.0127	9.14	6.23	6.78	0.00	-0.08	-1.08	0.0
8545	300.7	68.4	-953.4	-150.9	947.3	212.8	0.0461	0.0223	0.0244	17.59	36.36	33.19	0.00	-0.70	-2.32	0.0
8546	319.8	116.9	-1015.3	597.7	916.7	-183.7	0.0468	0.0220	0.0244	21.98	46.76	42.06	0.00	-1.04	-2.63	0.0
8577	457.3	84.8	-885.2	169.3	398.8	213.3	0.0460	0.0224	0.0244	14.22	29.24	26.76	0.00	-0.63	-1.67	0.0
8578	476.3	114.9	-950.6	555.1	473.0	159.3	0.0466	0.0220	0.0244	21.38	45.21	40.79	0.00	-1.26	-2.09	0.0
8639	-39.3	-5.5	-822.7	31.5	-320.7	162.8	0.0104	0.0134	0.0127	8.21	6.36	6.69	0.00	-0.07	-1.05	0.0
8640	-37.2	-4.5	-828.7	32.2	-321.9	166.1	0.0110	0.0130	0.0127	7.91	6.68	6.85	0.00	-0.07	-1.06	0.0
8671	-39.1	-9.6	-851.1	31.9	-328.1	176.4	0.0102	0.0134	0.0127	8.68	6.62	6.99	0.00	-0.08	-1.09	0.0
8672	-36.7	-8.5	-856.1	32.3	-328.1	179.7	0.0109	0.0131	0.0127	8.34	6.92	7.14	0.00	-0.08	-1.09	0.0
8681	97.6	-47.9	-1269.2	213.0	387.6	305.4	0.0149	0.0111	0.0244	26.50	35.72	16.20	0.00	-0.60	-1.81	0.0
8732	50.8	-68.4	-1059.2	23.9	-79.5	375.9	0.0266	0.0051	0.0127	2.26	11.83	4.72	0.00	-0.01	-1.25	0.0
8733	54.2	-71.2	-1076.3	21.3	-46.8	383.4	0.0264	0.0052	0.0127	2.37	12.09	4.92	0.00	-0.01	-1.27	0.0
8734	56.4	-73.0	-1094.4	18.9	29.9	388.5	0.0260	0.0054	0.0127	3.27	15.80	6.68	0.00	-0.05	-1.31	0.0
8735	57.2	-73.8	-1113.6	-19.4	68.1	391.2	0.0254	0.0057	0.0127	2.47	11.08	4.94	0.00	-0.01	-1.31	0.0
8736	56.5	-73.5	-1134.0	-28.9	108.5	391.3	0.0247	0.0060	0.0127	2.79	11.43	5.42	0.00	-0.02	-1.34	0.0
8737	54.4	-72.2	-1155.8	-38.2	149.6	388.9	0.0238	0.0065	0.0127	3.19	11.70	5.97	0.00	-0.03	-1.37	0.0
8738	51.1	-69.8	-1178.9	-47.0	190.8	384.2	0.0227	0.0070	0.0127	3.67	11.91	6.56	0.00	-0.04	-1.41	0.0
8739	46.6	-66.1	-1203.5	-55.0	231.5	377.2	0.0216	0.0076	0.0127	4.23	12.05	7.18	0.00	-0.05	-1.45	0.0
8740	41.2	-60.7	-1229.0	-62.2	271.4	368.1	0.0203	0.0082	0.0127	4.89	12.16	7.84	0.00	-0.06	-1.49	0.0
8741	35.4	-53.4	-1254.0	-68.3	310.4	357.1	0.0190	0.0088	0.0127	5.70	12.28	8.55	0.00	-0.07	-1.53	0.0
8742	272.0	116.2	-1086.5	838.0	531.1	208.7	0.0475	0.0216	0.0244	24.48	53.87	47.61	0.00	-1.75	-2.44	0.0
8743	29.8	35.9	-1219.5	281.8	547.0	264.5	0.0487	0.0121	0.0244	10.48	42.32	20.89	0.00	-0.73	-1.95	0.0
8744	22.6	-0.1	-1261.6	149.5	477.1	294.6	0.0500	0.0114	0.0244	7.04	30.73	14.39	0.00	-0.48	-1.81	0.0
8750	86.8	-33.3	-1267.6	246.5	410.3	299.2	0.0145	0.0113	0.0244	29.83	38.19	17.68	0.00	-0.66	-1.85	0.0
8751	29.5	-44.4	-1274.4	-73.6	348.3	345.3	0.0177	0.0095	0.0127	6.69	12.49	9.33	0.00	-0.08	-1.57	0.0
8754	24.0	-33.8	-1285.9	-78.4	386.4	331.2	0.0164	0.0102	0.0127	7.97	12.90	10.31	0.00	-0.09	-1.60	0.0
8757	18.9	-20.3	-1283.2	102.8	427.8	314.9	0.0151	0.0108	0.0127	18.76	26.27	22.33	0.00	-0.39	-1.75	0.0
8759	69.3	-40.6	-1273.0	186.1	398.5	310.5	0.0153	0.0109	0.0244	23.73	33.47	14.90	0.00	-0.54	-1.79	0.0
8768	83.5	-45.3	-1274.3	200.7	451.8	291.9	0.0151	0.0110	0.0244	26.64	36.52	16.45	0.00	-0.59	-1.85	0.0
8819	56.4	-67.2	-1082.2	24.3	-82.3	369.9	0.0266	0.0051	0.0127	2.36	12.38	4.94	0.00	-0.01	-1.27	0.0
8820	60.2	-70.0	-1100.1	21.0	-49.0	377.6	0.0264	0.0052	0.0127	2.44	12.47	5.07	0.00	-0.01	-1.29	0.0
8821	62.5	-71.8	-1118.3	18.0	35.8	382.7	0.0260	0.0054	0.0127	3.34	16.18	6.83	0.00	-0.06	-1.33	0.0
8822	63.0	-72.5	-1137.0	-20.3	75.3	385.0	0.0254	0.0056	0.0127	2.69	12.12	5.39	0.00	-0.02	-1.33	0.0
8823	61.8	-72.1	-1156.2	-30.4	116.7	384.6	0.0247	0.0060	0.0127	3.01	12.35	5.85	0.00	-0.03	-1.36	0.0
8824	59.0	-70.8	-1176.2	-40.1	158.8	381.5	0.0238	0.0065	0.0127	3.40	12.51	6.36	0.00	-0.04	-1.40	0.0
8825	54.5	-68.2	-1197.0	-49.2	200.9	375.8	0.0228	0.0070	0.0127	3.86	12.60	6.91	0.00	-0.05	-1.43	0.0
8826	48.7	-64.4	-1218.7	-57.5	242.2	367.5	0.0216	0.0075	0.0127	4.40	12.62	7.49	0.00	-0.06	-1.46	0.0
8827	41.7	-58.8	-1241.0	-64.6	282.5	357.1	0.0204	0.0082	0.0127	5.03	12.61	8.08	0.00	-0.06	-1.50	0.0
8828	34.2	-51.4	-1262.8	-70.5	321.6	344.5	0.0191	0.0088	0.0127	5.79	12.60	8.72	0.00	-0.07	-1.54	0.0
8829	189.2	100.6	-1139.0	778.7	757.9	193.1	0.0477	0.0215	0.0244	23.86	52.85	46.55	0.00	-1.63	-2.64	0.0
8830	21.2	28.5	-1238.1	261.4	570.2	251.2	0.0489	0.0120	0.0244	10.01	40.78	20.01	0.00	-0.69	-1.96	0.0
8831	13.7	-1.4	-1265.6	144.0	487.9	277.5	0.0501	0.0114	0.0244	6.78	29.88	13.91	0.00	-0.47	-1.80	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
8837	71.4	-32.3	-1272.1	232.4	472.4	284.4	0.0146	0.0112	0.0244	29.64	38.58	17.74	0.00	-0.65	-1.88	0.0
8838	26.5	-42.4	-1280.2	-75.3	359.3	331.2	0.0178	0.0094	0.0127	6.72	12.68	9.43	0.00	-0.08	-1.57	0.0
8841	19.3	-32.1	-1289.2	-79.2	397.0	315.6	0.0165	0.0101	0.0127	7.93	13.00	10.32	0.00	-0.09	-1.60	0.0
8844	12.8	-19.5	-1285.6	98.4	438.0	298.2	0.0153	0.0107	0.0127	18.04	25.63	21.65	0.00	-0.38	-1.74	0.0
8846	59.8	-39.0	-1277.6	176.1	442.7	296.0	0.0155	0.0108	0.0244	23.60	33.80	14.95	0.00	-0.54	-1.82	0.0
8855	-19.3	-20.8	-910.1	47.0	-339.0	218.0	0.0150	0.0111	0.0127	6.86	9.31	8.10	0.00	-0.08	-1.17	0.0
8906	46.1	-64.6	-1043.0	26.4	-113.1	366.4	0.0266	0.0051	0.0127	2.55	13.37	5.34	0.00	-0.02	-1.24	0.0
8907	40.7	-60.1	-1028.1	29.0	-145.8	355.1	0.0264	0.0052	0.0127	2.85	14.54	5.92	0.00	-0.04	-1.24	0.0
8908	34.7	-55.0	-1014.3	32.1	-176.6	342.6	0.0260	0.0054	0.0127	3.13	15.17	6.41	0.00	-0.05	-1.23	0.0
8909	28.2	-49.4	-1001.4	35.5	-204.9	329.0	0.0254	0.0056	0.0127	3.39	15.26	6.79	0.00	-0.05	-1.23	0.0
8910	21.6	-43.5	-989.6	38.6	-230.4	314.9	0.0247	0.0060	0.0127	3.65	14.99	7.10	0.00	-0.06	-1.22	0.0
8911	15.0	-37.5	-978.5	41.0	-252.8	300.5	0.0238	0.0065	0.0127	3.93	14.47	7.37	0.00	-0.07	-1.22	0.0
8912	8.5	-31.7	-968.0	42.5	-272.0	286.1	0.0228	0.0070	0.0127	4.23	13.80	7.58	0.00	-0.07	-1.21	0.0
8913	2.2	-26.0	-957.8	43.3	-288.2	271.9	0.0216	0.0076	0.0127	4.55	13.03	7.75	0.00	-0.07	-1.21	0.0
8914	-3.8	-20.7	-947.5	43.3	-301.3	258.1	0.0204	0.0082	0.0127	4.90	12.20	7.85	0.00	-0.07	-1.20	0.0
8915	-9.5	-15.9	-936.6	42.6	-311.4	244.8	0.0191	0.0088	0.0127	5.26	11.37	7.90	0.00	-0.07	-1.19	0.0
8916	-34.1	-7.2	-864.0	33.4	-328.5	186.1	0.0118	0.0127	0.0127	7.90	7.36	7.33	0.00	-0.08	-1.11	0.0
8917	-30.7	-6.3	-875.2	34.5	-328.4	193.5	0.0130	0.0121	0.0127	7.35	7.92	7.51	0.00	-0.08	-1.12	0.0
8918	-27.2	-6.2	-887.6	35.8	-327.6	201.5	0.0142	0.0114	0.0127	6.83	8.51	7.66	0.00	-0.08	-1.14	0.0
8924	-23.7	-16.6	-900.5	44.0	-338.4	212.2	0.0145	0.0113	0.0127	6.96	8.96	7.96	0.00	-0.08	-1.16	0.0
8925	-14.7	-11.8	-925.1	41.3	-318.6	232.8	0.0178	0.0095	0.0127	5.66	10.59	7.91	0.00	-0.08	-1.18	0.0
8928	-19.3	-9.0	-913.1	39.7	-323.4	221.5	0.0164	0.0101	0.0127	6.07	9.85	7.86	0.00	-0.08	-1.16	0.0
8931	-23.4	-6.8	-900.3	37.7	-326.0	211.0	0.0151	0.0108	0.0127	6.53	9.16	7.78	0.00	-0.08	-1.15	0.0
8933	-20.0	-17.7	-908.7	44.6	-335.6	218.2	0.0154	0.0109	0.0127	6.63	9.41	8.03	0.00	-0.08	-1.17	0.0
8942	-17.4	-18.0	-899.3	46.1	-340.6	205.5	0.0151	0.0110	0.0127	6.93	9.56	8.26	0.00	-0.09	-1.16	0.0
8993	51.2	-63.3	-1064.7	27.5	-116.3	360.1	0.0266	0.0051	0.0127	2.57	13.47	5.38	0.00	-0.02	-1.26	0.0
8994	45.1	-58.7	-1048.0	30.7	-149.2	348.3	0.0264	0.0052	0.0127	2.83	14.42	5.87	0.00	-0.03	-1.25	0.0
8995	38.2	-53.4	-1031.9	34.3	-180.3	335.1	0.0260	0.0054	0.0127	3.07	14.91	6.29	0.00	-0.04	-1.24	0.0
8996	31.0	-47.8	-1016.5	37.8	-208.7	320.9	0.0254	0.0056	0.0127	3.32	14.96	6.64	0.00	-0.05	-1.24	0.0
8997	23.7	-41.9	-1001.6	40.8	-234.2	306.0	0.0247	0.0060	0.0127	3.57	14.69	6.94	0.00	-0.06	-1.23	0.0
8998	16.5	-35.9	-987.4	43.0	-256.5	290.9	0.0238	0.0064	0.0127	3.84	14.19	7.20	0.00	-0.06	-1.22	0.0
8999	9.5	-30.0	-973.5	44.4	-275.5	275.8	0.0228	0.0070	0.0127	4.13	13.54	7.41	0.00	-0.07	-1.21	0.0
9000	2.8	-24.2	-959.7	45.0	-291.4	260.9	0.0217	0.0075	0.0127	4.44	12.79	7.57	0.00	-0.07	-1.20	0.0
9001	-3.7	-18.8	-945.6	44.9	-304.0	246.4	0.0205	0.0081	0.0127	4.76	11.98	7.67	0.00	-0.07	-1.19	0.0
9002	-9.8	-13.8	-930.9	44.0	-313.5	232.5	0.0192	0.0088	0.0127	5.11	11.14	7.70	0.00	-0.07	-1.18	0.0
9003	-34.8	-3.3	-838.5	33.5	-323.6	171.9	0.0119	0.0126	0.0127	7.50	7.11	7.04	0.00	-0.07	-1.07	0.0
9004	-31.8	-2.6	-852.4	35.0	-325.0	179.1	0.0131	0.0120	0.0127	6.99	7.66	7.22	0.00	-0.07	-1.09	0.0
9005	-28.6	-2.8	-867.5	36.7	-325.6	187.2	0.0144	0.0114	0.0127	6.51	8.23	7.36	0.00	-0.07	-1.11	0.0
9011	-22.6	-13.8	-887.0	43.5	-338.6	198.8	0.0147	0.0112	0.0127	6.91	9.04	7.98	0.00	-0.08	-1.14	0.0
9012	-15.3	-9.5	-915.6	42.7	-319.9	219.8	0.0179	0.0094	0.0127	5.47	10.35	7.68	0.00	-0.07	-1.16	0.0
9015	-20.3	-6.3	-900.0	41.0	-323.7	208.0	0.0166	0.0101	0.0127	5.84	9.59	7.61	0.00	-0.07	-1.15	0.0
9018	-24.6	-3.8	-883.6	38.9	-325.2	197.0	0.0153	0.0107	0.0127	6.24	8.88	7.50	0.00	-0.07	-1.13	0.0
9020	-19.0	-14.9	-897.3	44.1	-336.4	205.0	0.0155	0.0108	0.0127	6.59	9.49	8.06	0.00	-0.08	-1.16	0.0
9021	-61.4	-20.8	-915.5	30.7	-341.8	-126.6	0.0065	0.0153	0.0127	15.93	6.71	8.09	0.00	-0.16	-1.15	0.0
9022	-61.8	-20.5	-933.2	30.4	-347.1	-130.2	0.0067	0.0152	0.0127	15.66	6.87	8.23	0.00	-0.16	-1.17	0.0
9053	-62.6	-24.7	-950.9	31.9	-357.5	-132.1	0.0064	0.0153	0.0127	16.80	7.06	8.52	0.00	-0.17	-1.20	0.0
9054	-62.7	-24.5	-968.0	31.7	-362.2	-136.5	0.0067	0.0152	0.0127	16.54	7.24	8.67	0.00	-0.17	-1.22	0.0
9085	227.7	24.4	-878.8	106.1	992.5	-54.8	0.0422	0.0243	0.0244	19.33	33.62	33.38	0.00	-0.79	-2.28	0.0
9101	225.4	16.6	-895.5	83.5	985.6	68.9	0.0424	0.0242	0.0244	19.17	33.67	33.27	0.00	-0.81	-2.28	0.0
9117	314.8	39.7	-845.1	97.6	347.2	-151.1	0.0422	0.0243	0.0244	9.93	17.26	17.14	0.00	-0.36	-1.39	0.0
9133	318.7	40.4	-859.8	-210.3	339.1	-95.3	0.0424	0.0242	0.0244	12.22	21.44	21.20	0.00	-0.58	-1.47	0.0
9209	230.7	-8.1	-917.4	-85.5	923.5	108.1	0.0428	0.0239	0.0244	17.39	31.09	30.47	0.00	-0.74	-2.19	0.0
9210	231.3	-39.2	-963.0	102.3	855.9	-125.0	0.0435	0.0236	0.0244	15.62	28.77	27.80	0.00	-0.70	-2.11	0.0
9211	211.2	-55.9	-1041.1	148.6	877.9	-186.8	0.0443	0.0232	0.0244	15.04	28.72	27.27	0.00	-0.69	-2.20	0.0
9212	172.5	-32.6	-1143.7	165.5	978.2	-232.9	0.0453	0.0227	0.0244	15.36	30.59	28.45	0.00	-0.68	-2.41	0.0
9273	331.2	46.5	-873.9	-279.0	290.7	-111.5	0.0428	0.0240	0.0244	13.25	23.67	23.21	0.00	-0.69	-1.51	0.0
9274	349.0	51.7	-913.3	-203.9	277.5	-164.1	0.0435	0.0236	0.0244	12.07	22.20	21.47	0.00	-0.58	-1.51	0.0
9275	362.8	47.6	-953.8	-163.7	289.5	-216.4	0.0443	0.0232	0.0244	11.68	22.25	21.16	0.00	-0.53	-1.56	0.0
9276	361.6	41.6	-1028.1	-98.1	352.3	-285.7	0.0452	0.0228	0.0244	11.23	22.28	20.76	0.00	-0.47	-1.67	0.0
9277	-62.2	-19.8	-961.7	29.7	-355.5	-136.7	0.0071	0.0150	0.0127	15.17	7.16	8.46	0.00	-0.16	-1.21	0.0
9278	-62.6	-18.5	-1002.7	27.8	-367.5	-145.5	0.0078	0.0147	0.0127	14.29	7.55	8.72	0.00	-0.16	-1.25	0.0
9279	-62.9	-16.9	-1048.3	-28.0	-380.5	-155.8	0.0086	0.0143	0.0127	8.72	5.24	5.88	0.00	-0.08	-1.27	0.0
9280	-63.3	-15.1	-1097.8	-29.9	-394.1	-167.7	0.0095	0.0138	0.0127	8.25	5.70	6.19	0.00	-0.08	-1.33	0.0
9341	-62.7	-23.9	-995.1	31.2	-369.2	-144.2	0.0071	0.0150	0.0127	16.05	7.54	8.91	0.00	-0.17	-1.25	0.0
9342	-62.6	-22.9	-1034.1	29.5	-379.0	-154.8	0.0077	0.0147	0.0127	15.14	7.94	9.18	0.00	-0.17	-1.30	0.0
9343	-62.5	-21.7	-1078.0	-28.2	-390.1	-166.9	0.0085	0.0143	0.0127	9.31	5.54	6.23	0.00	-0.09	-1.31	0.0
9344	-62.8	-20.3	-1126.0	-29.8	-402.1	-180.2	0.0094	0.0138	0.0127	8.78	5.99	6.52	0.00	-0.09	-1.37	0.0
9435	156.3	29.5	-1224.6	147.3	1053.7	-224.0	0.0461	0.0223	0.0244	15.76	32.56	29.73	0.00	-0.66	-2.56	0.0
9436	181.2	80.4	-1319.9	-624.6	1029.5	188.1	0.0468	0.0220	0.0244	20.85	44.35	39.90	0.00	-1.06	-2.92	0.0
9467	372.3	51.7	-1123.2	-185.5	484.3	-232.6	0.0460	0.0224	0.0244	13.53	27.83	25.47	0.00	-0.66	-1.91	0.0
9468	374.1	74.6	-1228.4	-580.5	567.4	-163.6	0.0466	0.0220	0.0244	20.66	43.70	39.43	0.00	-1.30	-2.37	0.0
9469	-63.3	-14.1	-1139.0	-31.5	-404.8	-176.9	0.0104	0.0134	0.0127	7.87	6.09	6.41	0.00	-0.08	-1.38	0.0
9470	-62.8	-13.4	-1170.8	-33.0	-412.0	-184.6	0.0110	0.0130	0.0127	7.58	6.40	6.57	0.00	-0.08	-1.42	0.0
9501	-62.9	-19.5	-1165.7	-30.9	-411.5	-189.9	0.0102	0.0134	0.0127	8.35	6.37	6.73	0.00	-0.09	-1.42	0.0
9502	-62.2	-19.1	-1196.1	-32.0	-417.4	-197.8	0.0109	0.0131	0.0127	8.02	6.66	6.87	0.00	-0.09	-1.45	0.0
9541	38.6	-63.4	-1699.8	-202.7	564.7	-333.8	0.0151	0.0110	0.0244	26.37	36.36	16.34	0.00	-0.62	-2.30	0.0
9592	61.5	-117.7	-1914.1	-22.8	-75.0	-572.8	0.0266	0.0051	0.0127	2.42	12.70	5.07	0.00	-0.02	-2.15	0.0
9593	63.6	-119.4	-1924.8	-14.6	28.1	-577.1	0.0264	0.0052	0.0127	3.02	15.41	6.27	0.00	-0.05	-2.17	0.0
9594	62.8	-119.0	-1930.4	20.9	84.0	-575.9	0.0260	0.0054	0.0127	2.57	12.47	5.26	0.00	-0.02	-2.17	0.0
9595	59.1	-116.8	-1931.0	34.4	141.6	-569.3	0.0254	0.0056	0.0127	2.77	12.50	5.55	0.00	-0.03	-2.18	0.0
9596	53.0	-112.8	-1927.3	46.9	199.0	-557.6	0.0247	0.0060	0.0127	3.04	12.49	5.90	0.00	-0.03	-2.18	0.0
9597	44.8	-107.5	-1919.9	57.9	254.6	-541.4	0.0238	0.0064	0.0127	3.36	12.43	6.30	0.00	-0.04	-2.18	0.0
9598	34.9	-101.0	-1909.6	67.1	307.2	-521.1	0.0228	0.0070	0.0127	3.75	12.31	6.74	0.00	-0.05	-2.18	0.0
9599	24.0	-93.4	-1897.0	74.2	356.2	-497.5	0.0217	0.0075	0.0127	4.22	12.16	7.20	0.00	-0.06	-2.18	0.0
9600	12.6	-84.6	-1882.3	79.3	401.2	-471.2	0.0205	0.0081	0.0127	4.77	12.00	7.68	0.00	-0.07	-2.18	0.0
9601	1.3	-74.6	-1865.1	82.3	442.3	-443.0	0.0192	0.0088	0.0127	5.45	11.88	8.21	0.00	-0.08	-2.17	0.0
9602	99.4	62.1	-1493.1	-814.9	867.7	-196.1	0.0477	0.0215	0.0244	23.61	52.28	46.05	0.00	-1.69	-3.01	0.0
9603	-21.7	0.5	-1637.8	-273.8	676.2	-277.5	0.0489	0.0120	0.0244	9.94	40.51	19.88	0.00	-0.73	-2.38	0.0
9604	-27.1	-24.8	-1706.1	-148.8	597.7	-318.5	0.0501	0.0114	0.0244	6.70	29.56	13.75	0.00	-0.50	-2.27	0.0
9610	25.4	-52.3	-1693.5	-236.8	583.1	-324.5	0.0147	0.0112	0.0244	29.35	38.37	17.62	0.00	-0.68	-2.34	0.0
9611	-9.1	-64.0	-1842.7	83.6	479.7	-414.6	0.0179	0.0094	0.0127	6.29	11.91	8.84	0.00	-0.09	-2.16	0.0
9614	-18.1	-52.9	-1811.7	83.7	515.1	-384.7	0.0166	0.0101	0.0127	7.40	12.16	9.64	0.00	-0.10	-2.15	0.0
9617	-25.9	-40.5	-1767.6	-98.0	552.4	-353.3	0.0153	0.0107	0.0127	17.85	25.40	21.45	0.00	-0.40	-2.25	0.0
9619	17.9	-58.9	-1726.2	-176.5	556.7	-344.4	0.0155	0.0108	0.0244	23.37	33.68	14.86	0.00	-0.56	-2.29	0.0
9628	54.4	-71.0	-1684.9	-215.3	494.6	-348.2	0.0150	0.0111	0.0244	26.13	35.45	16.04	0.00	-0.62	-2.25	0.0
9679	46.1	-119.2	-1868.3	-23.0	-73.3	-575.4	0.0266	0.0051	0.0127	2.01	10.52	4.20	0.00	0.00	-2.10	0.0
9680	48.2	-121.0	-1878.7	-16.3	21.4	-579.8	0.0264	0.0052	0.0127	2.75	14.03	5.71	0.00	-0.04	-2.13	0.0
9681	47.9	-120.8	-1884.9	18.3	74.6	-579.1	0.0260	0.0054	0.0127	2.13	10.32	4.36	0.00	-0.01	-2.12	0.0
9682	45.4	-118.9	-1887.3	30.6	129.9	-573.3	0.0254	0.0056	0.0127	2.36	10.60	4.71	0.00	-0.02	-2.13	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
9683	40.8	-115.4	-1886.3	42.1	185.4	-562.9	0.0247	0.0060	0.0127	2.65	10.87	5.15	0.00	-0.02	-2.13	0.0
9684	34.6	-110.5	-1882.4	52.3	239.5	-548.1	0.0238	0.0065	0.0127	3.01	11.08	5.64	0.00	-0.03	-2.14	0.0
9685	27.0	-104.4	-1876.3	61.0	290.9	-529.5	0.0228	0.0070	0.0127	3.44	11.22	6.17	0.00	-0.05	-2.14	0.0
9686	18.7	-97.2	-1868.4	68.1	339.2	-507.8	0.0216	0.0076	0.0127	3.96	11.32	6.73	0.00	-0.06	-2.15	0.0
9687	9.9	-88.8	-1858.7	73.4	384.0	-483.6	0.0204	0.0082	0.0127	4.57	11.39	7.33	0.00	-0.07	-2.15	0.0
9688	1.4	-79.0	-1846.4	76.9	425.3	-457.3	0.0191	0.0088	0.0127	5.32	11.49	7.98	0.00	-0.08	-2.15	0.0
9689	193.7	72.4	-1420.7	-874.5	627.8	-217.9	0.0475	0.0216	0.0244	24.30	53.49	47.27	0.00	-1.82	-2.80	0.0
9690	-11.5	5.6	-1607.7	-295.8	647.4	-292.3	0.0487	0.0121	0.0244	10.42	42.12	20.79	0.00	-0.77	-2.36	0.0
9691	-16.8	-25.7	-1694.6	-155.8	582.1	-337.9	0.0500	0.0114	0.0244	6.97	30.49	14.27	0.00	-0.52	-2.27	0.0
9697	42.9	-57.7	-1680.4	-251.2	515.3	-340.8	0.0145	0.0113	0.0244	29.49	37.93	17.53	0.00	-0.69	-2.29	0.0
9698	-6.5	-68.3	-1828.3	79.1	463.2	-430.8	0.0178	0.0095	0.0127	6.25	11.70	8.73	0.00	-0.09	-2.15	0.0
9701	-13.1	-56.9	-1800.7	80.5	499.4	-402.5	0.0164	0.0101	0.0127	7.46	12.09	9.65	0.00	-0.10	-2.14	0.0
9704	-18.8	-43.5	-1757.8	-104.4	537.4	-372.5	0.0151	0.0108	0.0127	18.63	26.13	22.19	0.00	-0.42	-2.25	0.0
9706	28.9	-64.9	-1712.6	-187.2	507.0	-360.4	0.0154	0.0109	0.0244	23.46	33.28	14.78	0.00	-0.57	-2.26	0.0
9715	-49.4	-28.9	-1343.0	-53.1	-461.5	-248.5	0.0151	0.0110	0.0127	6.97	9.55	8.27	0.00	-0.10	-1.64	0.0
9766	56.6	-113.8	-1898.1	-31.2	-130.8	-562.7	0.0266	0.0051	0.0127	2.53	13.25	5.29	0.00	-0.02	-2.14	0.0
9767	49.0	-107.9	-1876.3	-39.6	-185.6	-547.7	0.0264	0.0052	0.0127	2.75	14.05	5.72	0.00	-0.03	-2.12	0.0
9768	39.4	-100.2	-1849.5	-47.7	-237.3	-528.1	0.0260	0.0054	0.0127	2.99	14.47	6.11	0.00	-0.04	-2.10	0.0
9769	28.2	-91.2	-1818.0	-54.9	-284.4	-504.7	0.0254	0.0056	0.0127	3.21	14.47	6.43	0.00	-0.05	-2.08	0.0
9770	16.1	-81.4	-1782.2	-60.5	-326.1	-478.5	0.0247	0.0060	0.0127	3.45	14.15	6.70	0.00	-0.05	-2.05	0.0
9771	3.8	-71.1	-1742.5	-64.2	-361.9	-450.1	0.0238	0.0065	0.0127	3.70	13.61	6.92	0.00	-0.06	-2.01	0.0
9772	-8.3	-60.8	-1699.4	-66.0	-391.4	-420.5	0.0228	0.0070	0.0127	3.96	12.94	7.10	0.00	-0.06	-1.97	0.0
9773	-19.8	-50.8	-1653.2	-65.9	-414.7	-390.3	0.0216	0.0075	0.0127	4.24	12.18	7.22	0.00	-0.07	-1.93	0.0
9774	-30.2	-41.5	-1604.0	-64.2	-431.7	-360.2	0.0204	0.0082	0.0127	4.54	11.37	7.29	0.00	-0.07	-1.88	0.0
9775	-39.4	-33.1	-1552.0	-61.2	-442.7	-330.8	0.0191	0.0088	0.0127	4.85	10.56	7.31	0.00	-0.07	-1.83	0.0
9776	-62.7	-12.8	-1215.2	-35.6	-421.2	-197.2	0.0119	0.0126	0.0127	7.16	6.78	6.72	0.00	-0.08	-1.47	0.0
9777	-61.8	-12.9	-1272.3	-39.2	-431.3	-213.9	0.0131	0.0120	0.0127	6.66	7.28	6.87	0.00	-0.08	-1.53	0.0
9778	-60.2	-14.1	-1330.4	-43.3	-439.5	-232.6	0.0144	0.0114	0.0127	6.18	7.80	6.98	0.00	-0.08	-1.59	0.0
9784	-54.6	-24.8	-1328.0	-49.8	-456.4	-240.9	0.0146	0.0112	0.0127	6.84	8.90	7.87	0.00	-0.09	-1.61	0.0
9785	-46.8	-25.9	-1498.3	-57.3	-448.2	-303.7	0.0178	0.0094	0.0127	5.19	9.81	7.29	0.00	-0.07	-1.78	0.0
9788	-52.6	-20.5	-1444.0	-53.0	-448.9	-278.1	0.0165	0.0101	0.0127	5.54	9.08	7.21	0.00	-0.07	-1.72	0.0
9791	-56.9	-16.3	-1387.8	-48.1	-445.6	-254.5	0.0153	0.0107	0.0127	5.93	8.42	7.11	0.00	-0.08	-1.66	0.0
9793	-51.0	-26.7	-1364.8	-52.3	-458.4	-254.4	0.0155	0.0108	0.0127	6.53	9.36	7.96	0.00	-0.09	-1.65	0.0
9802	-51.5	-36.0	-1345.7	-53.3	-456.5	-260.6	0.0149	0.0111	0.0127	6.80	9.17	8.00	0.00	-0.10	-1.64	0.0
9853	41.7	-115.4	-1853.5	-29.9	-127.4	-565.7	0.0266	0.0051	0.0127	2.22	11.61	4.64	0.00	-0.02	-2.09	0.0
9854	35.1	-109.7	-1834.0	-36.7	-180.6	-551.3	0.0264	0.0052	0.0127	2.54	12.95	5.27	0.00	-0.03	-2.08	0.0
9855	26.7	-102.3	-1810.3	-43.4	-230.9	-532.8	0.0260	0.0054	0.0127	2.84	13.74	5.80	0.00	-0.04	-2.06	0.0
9856	17.1	-93.7	-1782.7	-49.9	-276.9	-510.6	0.0254	0.0057	0.0127	3.11	13.96	6.22	0.00	-0.05	-2.04	0.0
9857	6.6	-84.2	-1751.4	-55.1	-317.9	-485.7	0.0247	0.0060	0.0127	3.38	13.81	6.56	0.00	-0.06	-2.02	0.0
9858	-4.0	-74.2	-1716.8	-58.6	-353.3	-458.7	0.0238	0.0065	0.0127	3.66	13.42	6.85	0.00	-0.07	-1.99	0.0
9859	-14.5	-64.2	-1679.1	-60.4	-382.8	-430.4	0.0227	0.0070	0.0127	3.96	12.86	7.08	0.00	-0.07	-1.96	0.0
9860	-24.4	-54.5	-1638.4	-60.4	-406.5	-401.5	0.0216	0.0076	0.0127	4.28	12.20	7.27	0.00	-0.07	-1.92	0.0
9861	-33.4	-45.5	-1595.0	-59.0	-424.2	-372.6	0.0203	0.0082	0.0127	4.62	11.48	7.40	0.00	-0.08	-1.88	0.0
9862	-41.3	-37.4	-1548.7	-56.3	-436.4	-344.2	0.0190	0.0088	0.0127	4.99	10.75	7.48	0.00	-0.08	-1.83	0.0
9863	-61.9	-18.5	-1238.4	-34.1	-425.0	-211.3	0.0118	0.0127	0.0127	7.58	7.06	7.03	0.00	-0.09	-1.50	0.0
9864	-60.7	-18.5	-1292.3	-36.9	-433.3	-228.6	0.0130	0.0121	0.0127	7.06	7.60	7.21	0.00	-0.09	-1.56	0.0
9865	-58.9	-19.3	-1347.0	-40.2	-439.6	-247.7	0.0142	0.0114	0.0127	6.55	8.15	7.33	0.00	-0.09	-1.62	0.0
9871	-55.7	-31.3	-1335.2	-49.3	-453.4	-254.2	0.0145	0.0113	0.0127	6.83	8.75	7.79	0.00	-0.10	-1.62	0.0
9872	-47.6	-30.4	-1500.5	-52.7	-443.2	-317.9	0.0177	0.0095	0.0127	5.39	10.06	7.52	0.00	-0.08	-1.78	0.0
9875	-52.5	-25.2	-1451.3	-48.8	-445.5	-292.9	0.0164	0.0102	0.0127	5.80	9.38	7.49	0.00	-0.08	-1.73	0.0
9878	-56.2	-21.2	-1400.1	-44.3	-443.9	-269.5	0.0151	0.0108	0.0127	6.26	8.76	7.45	0.00	-0.09	-1.68	0.0
9880	-52.5	-33.3	-1369.2	-51.4	-454.4	-267.8	0.0153	0.0109	0.0127	6.50	9.17	7.85	0.00	-0.10	-1.66	0.0
9941	113.6	-11.3	-970.9	-286.5	297.8	290.4	0.0509	0.0177	0.0244	6.82	19.61	14.19	0.00	-0.40	-1.51	0.0
9942	55.3	-20.6	-1045.3	-62.0	291.3	191.5	0.0507	0.0155	0.0244	2.55	8.33	5.29	0.00	-0.12	-1.28	0.0
9943	54.1	-19.6	-1060.6	-51.3	294.8	-212.2	0.0507	0.0155	0.0244	3.65	11.92	7.57	0.00	-0.23	-1.35	0.0
9944	121.3	-3.9	-1013.2	249.8	313.0	-313.5	0.0509	0.0155	0.0244	6.27	20.67	13.07	0.00	-0.33	-1.53	0.0
10005	6.1	-33.1	-985.8	-309.1	513.4	241.6	0.0509	0.0155	0.0244	6.76	22.26	14.08	0.00	-0.40	-1.64	0.0
10006	-64.3	62.5	-1028.6	-35.8	531.3	151.4	0.0507	0.0155	0.0244	3.53	11.54	7.33	0.00	-0.11	-1.46	0.0
10007	-66.0	63.6	-1043.3	28.0	535.7	-143.9	0.0507	0.0155	0.0244	3.56	11.64	7.39	0.00	-0.11	-1.48	0.0
10008	14.7	-26.6	-1022.8	292.9	532.5	-241.9	0.0509	0.0155	0.0244	6.74	22.20	14.04	0.00	-0.39	-1.68	0.0
10069	42.6	-39.2	-945.0	-130.3	648.4	166.1	0.0509	0.0155	0.0244	7.25	23.85	15.09	0.00	-0.38	-1.67	0.0
10070	10.7	1.4	-953.6	-37.0	750.8	134.3	0.0507	0.0155	0.0244	8.34	27.27	17.32	0.00	-0.41	-1.80	0.0
10071	8.5	0.4	-966.8	-28.3	756.3	-113.5	0.0507	0.0155	0.0244	8.58	28.04	17.81	0.00	-0.44	-1.82	0.0
10072	42.1	-43.5	-981.6	116.0	665.9	-148.5	0.0509	0.0155	0.0244	7.35	24.19	15.30	0.00	-0.39	-1.71	0.0
10133	-69.4	-30.4	-970.6	33.0	-377.0	-133.2	0.0062	0.0155	0.0127	18.03	7.25	8.81	0.00	-0.17	-1.23	0.0
10134	-68.2	-29.9	-945.9	33.2	-370.3	130.1	0.0061	0.0155	0.0127	11.44	4.46	5.45	0.00	-0.08	-1.17	0.0
10135	-66.4	-29.0	-925.2	33.3	-364.3	140.0	0.0061	0.0155	0.0127	11.69	4.56	5.57	0.00	-0.08	-1.15	0.0
10136	-64.2	-27.6	-908.6	33.3	-359.2	149.3	0.0062	0.0155	0.0127	11.76	4.73	5.75	0.00	-0.08	-1.14	0.0
10197	-77.1	-38.6	-1025.9	33.9	-432.1	-145.3	0.0062	0.0155	0.0127	21.60	8.67	10.54	0.00	-0.20	-1.34	0.0
10198	-76.0	-37.5	-1000.8	34.2	-425.4	135.1	0.0061	0.0155	0.0127	15.27	5.96	7.28	0.00	-0.12	-1.28	0.0
10199	-74.2	-36.1	-979.6	34.5	-418.8	148.6	0.0061	0.0155	0.0127	15.55	6.07	7.41	0.00	-0.11	-1.26	0.0
10200	-71.7	-34.5	-962.4	34.8	-412.6	161.4	0.0062	0.0155	0.0127	15.54	6.24	7.59	0.00	-0.11	-1.24	0.0
10261	-231.3	-75.5	-1111.3	-73.6	-651.3	-176.5	0.0062	0.0155	0.0127	18.81	7.54	9.17	0.00	-0.17	-1.60	0.0
10262	-226.0	-71.6	-1084.2	-63.7	-641.9	-152.5	0.0061	0.0155	0.0127	19.55	7.63	9.32	0.00	-0.17	-1.57	0.0
10263	-220.4	-68.6	-1061.7	59.5	-632.7	166.6	0.0061	0.0155	0.0127	20.26	7.90	9.66	0.00	-0.17	-1.55	0.0
10264	-214.4	-66.4	-1043.6	68.9	-623.6	188.8	0.0062	0.0155	0.0127	20.13	8.07	9.82	0.00	-0.17	-1.53	0.0
10265	208.2	-8.2	-890.2	-166.4	371.3	224.2	0.0511	0.0153	0.0244	6.85	22.84	14.34	0.00	-0.32	-1.42	0.0
10266	234.9	1.5	-894.6	222.8	355.9	171.8	0.0513	0.0152	0.0244	9.40	31.66	19.74	0.00	-0.61	-1.49	0.0
10297	126.9	-31.1	-953.3	-181.6	485.9	166.5	0.0511	0.0153	0.0244	6.81	22.68	14.25	0.00	-0.37	-1.53	0.0
10298	159.9	-16.4	-956.1	180.6	458.2	172.0	0.0513	0.0152	0.0244	8.57	28.83	17.99	0.00	-0.56	-1.57	0.0
10329	105.2	-36.9	-943.5	-99.7	544.3	127.2	0.0511	0.0154	0.0244	6.69	22.24	13.98	0.00	-0.36	-1.54	0.0
10330	126.0	-32.2	-955.3	-73.0	526.8	191.3	0.0513	0.0153	0.0244	6.64	22.30	13.93	0.00	-0.34	-1.55	0.0
10391	-62.2	-26.4	-898.1	33.2	-355.7	155.4	0.0064	0.0153	0.0127	11.69	4.90	5.91	0.00	-0.08	-1.13	0.0
10392	-60.5	-25.4	-892.4	33.2	-353.6	159.8	0.0066	0.0152	0.0127	11.57	5.05	6.05	0.00	-0.08	-1.12	0.0
10423	-69.4	-33.1	-951.6	34.8	-407.8	170.1	0.0064	0.0153	0.0127	15.35	6.42	7.75	0.00	-0.11	-1.24	0.0
10424	-67.3	-32.0	-945.5	34.8	-404.4	176.3	0.0066	0.0152	0.0127	15.11	6.56	7.87	0.00	-0.11	-1.23	0.0
10455	-209.7	-65.7	-1032.4	75.6	-616.7	205.0	0.0064	0.0154	0.0127	19.67	8.20	9.91	0.00	-0.16	-1.52	0.0
10456	-206.1	-65.2	-1026.4	80.2	-611.7	216.6	0.0066	0.0153	0.0127	19.18	8.29	9.95	0.00	-0.16	-1.52	0.0
10472	158.4	13.4	-984.0	367.0	288.7	237.3	0.0517	0.0150	0.0244	10.66	36.62	22.55	0.00	-0.84	-1.63	0.0
10488	97.1	6.8	-1056.2	138.8	286.6	299.0	0.0523	0.0147	0.0244	6.11	21.71	13.09	0.00	-0.41	-1.50	0.0
10504	106.6	7.7	-1059.3	127.2	289.5	350.1	0.0531	0.0143	0.0244	6.29	23.31	13.68	0.00	-0.40	-1.54	0.0
10520	193.7	39.1	-1007.7	-84.3	321.6	405.7	0.0540	0.0139	0.0244	5.13	19.93	11.33	0.00	-0.10	-1.50	0.0
10536	49.8	-3.2	-999.9	344.2	474.2	254.1	0.0517	0.0151	0.0244	10.57	36.27	22.35	0.00	-0.85	-1.74	0.0
10552	-47.3	-3.1	-1055.6	69.1	498.4	248.5	0.0523	0.0148	0.0244	5.02	17.79	10.75	0.00	-0.34	-1.56	0.0
10568	-49.9	15.4	-1074.2	-60.4	474.7	281.5	0.0530	0.0144	0.0244	3.03	11.17	6.58	0.00	-0.11	-1.48	0.0
10584	40.5	-21.7	-1031.2	-202.9	476.5	367.0	0.0539	0.0140	0.0244	4.55	17.57	10.04	0.00	-0.16	-1.59	0.0
10600	69.2	-33.8	-977.2	111.4	619.0	292.3	0.0516	0.0151	0.0244	8.98	30.73	18.96	0.00	-0.57	-1.77	0.0
10616	22.7	-22.0	-999.9	-94.3	712.9	284.1	0.0522	0.0148	0.0244	7.55	26.67	16.14	0.00	-0.36	-1.82	0.0
10632	22.4	-4.3	-1020.2	-93.5	689.0	299.2	0.0529	0.0144	0.0244	7.04	25.82	15.25	0.00	-0.32	-1.80	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
10648	66.1	-42.0	-995.8	-125.2	589.6	324.5	0.0538	0.0140	0.0244	6.13	23.52	13.49	0.00	-0.28	-1.68	0.0
10649	-58.0	-23.7	-886.4	33.4	-351.0	166.8	0.0070	0.0150	0.0127	11.32	5.28	6.26	0.00	-0.08	-1.12	0.0
10665	-54.6	-21.4	-881.6	33.6	-348.2	174.6	0.0077	0.0147	0.0127	10.84	5.63	6.53	0.00	-0.08	-1.12	0.0
10681	-51.0	-19.1	-880.4	34.1	-346.0	182.2	0.0084	0.0143	0.0127	10.26	6.03	6.80	0.00	-0.08	-1.13	0.0
10697	-47.3	-16.7	-882.3	34.7	-344.3	189.7	0.0093	0.0139	0.0127	9.63	6.46	7.07	0.00	-0.08	-1.13	0.0
10713	-64.3	-30.3	-939.0	35.1	-399.9	185.8	0.0070	0.0151	0.0127	14.66	6.80	8.06	0.00	-0.11	-1.23	0.0
10729	-60.0	-28.1	-933.4	35.3	-394.1	196.5	0.0076	0.0148	0.0127	13.90	7.15	8.30	0.00	-0.11	-1.23	0.0
10745	-55.2	-25.8	-931.3	35.4	-388.5	206.8	0.0083	0.0144	0.0127	13.03	7.55	8.55	0.00	-0.11	-1.23	0.0
10761	-50.4	-23.6	-932.4	35.6	-383.1	216.8	0.0092	0.0140	0.0127	12.14	8.00	8.78	0.00	-0.11	-1.23	0.0
10777	-200.7	-64.3	-1020.1	86.6	-604.7	233.5	0.0069	0.0151	0.0127	18.31	8.44	10.01	0.00	-0.15	-1.51	0.0
10793	-193.6	-64.5	-1015.1	94.2	-595.6	254.4	0.0075	0.0148	0.0127	16.95	8.63	10.05	0.00	-0.15	-1.51	0.0
10809	-186.2	-65.5	-1014.3	101.2	-586.6	275.1	0.0082	0.0144	0.0127	15.49	8.85	10.05	0.00	-0.14	-1.51	0.0
10825	-178.7	-67.4	-1017.2	107.6	-577.8	296.0	0.0091	0.0140	0.0127	14.07	9.11	10.05	0.00	-0.13	-1.51	0.0
10841	342.5	55.2	-941.8	-19.4	397.4	253.4	0.0548	0.0157	0.0244	8.44	29.40	18.93	0.00	-0.36	-1.57	0.0
10842	396.8	76.4	-956.0	396.8	405.7	206.0	0.0554	0.0132	0.0244	14.11	59.28	32.00	0.00	-0.97	-1.86	0.0
10873	231.6	1.0	-989.6	-118.0	454.2	264.5	0.0546	0.0136	0.0244	7.04	28.32	15.74	0.00	-0.32	-1.59	0.0
10874	317.0	32.4	-1024.1	225.4	401.6	265.9	0.0552	0.0133	0.0244	10.59	44.03	23.93	0.00	-0.68	-1.75	0.0
10905	174.3	-84.3	-979.2	-120.3	478.6	282.5	0.0545	0.0137	0.0244	6.38	25.48	14.23	0.00	-0.35	-1.58	0.0
10906	223.2	-89.9	-1060.8	-175.2	443.8	358.5	0.0551	0.0134	0.0244	6.75	27.81	15.21	0.00	-0.35	-1.70	0.0
10967	-44.3	-15.1	-885.5	35.0	-342.9	194.3	0.0101	0.0135	0.0127	9.11	6.82	7.24	0.00	-0.08	-1.14	0.0
10968	-41.8	-14.1	-889.2	35.3	-341.5	198.1	0.0107	0.0132	0.0127	8.72	7.09	7.36	0.00	-0.08	-1.14	0.0
10999	-46.2	-21.8	-935.0	35.2	-378.8	222.9	0.0100	0.0136	0.0127	11.43	8.38	8.95	0.00	-0.11	-1.23	0.0
11000	-42.1	-20.3	-938.1	34.7	-374.5	227.1	0.0105	0.0133	0.0127	10.94	8.69	9.08	0.00	-0.11	-1.24	0.0
11031	-172.6	-70.1	-1022.1	112.0	-571.0	312.1	0.0098	0.0137	0.0127	12.99	9.33	10.03	0.00	-0.13	-1.52	0.0
11032	-167.8	-71.9	-1028.3	115.1	-566.2	324.9	0.0104	0.0134	0.0127	12.29	9.54	10.04	0.00	-0.13	-1.53	0.0
11041	97.8	-57.7	-1253.8	184.0	329.0	328.2	0.0148	0.0112	0.0244	23.73	31.37	14.34	0.00	-0.52	-1.74	0.0
11092	42.2	-74.4	-1037.7	22.9	-75.4	391.4	0.0266	0.0051	0.0127	2.46	12.87	5.14	0.00	-0.02	-1.25	0.0
11093	45.2	-77.2	-1054.1	20.4	-42.8	398.8	0.0264	0.0052	0.0127	2.51	12.78	5.20	0.00	-0.02	-1.26	0.0
11094	47.0	-78.9	-1072.2	18.0	25.5	403.9	0.0260	0.0054	0.0127	3.19	15.42	6.52	0.00	-0.05	-1.30	0.0
11095	47.7	-79.6	-1092.1	-20.1	63.1	406.8	0.0254	0.0057	0.0127	2.52	11.28	5.03	0.00	-0.01	-1.30	0.0
11096	47.4	-79.2	-1113.9	-29.3	103.0	407.3	0.0246	0.0060	0.0127	2.66	10.85	5.16	0.00	-0.01	-1.33	0.0
11097	46.0	-77.9	-1137.7	-38.3	143.8	405.4	0.0237	0.0065	0.0127	2.99	10.88	5.57	0.00	-0.02	-1.36	0.0
11098	43.7	-75.6	-1163.5	-47.0	184.7	401.3	0.0227	0.0070	0.0127	3.44	11.09	6.13	0.00	-0.03	-1.40	0.0
11099	40.5	-72.1	-1191.0	-55.0	225.3	395.1	0.0215	0.0076	0.0127	4.01	11.32	6.78	0.00	-0.04	-1.44	0.0
11100	36.7	-67.2	-1219.5	-62.5	265.3	387.1	0.0202	0.0082	0.0127	4.71	11.56	7.50	0.00	-0.05	-1.48	0.0
11101	32.5	-60.7	-1247.4	-69.2	304.6	377.3	0.0189	0.0089	0.0127	5.56	11.82	8.28	0.00	-0.06	-1.53	0.0
11102	230.5	80.1	-1077.7	674.0	449.2	271.0	0.0563	0.0150	0.0244	17.12	64.36	39.45	0.00	-1.47	-2.18	0.0
11103	35.0	19.9	-1205.6	248.8	504.2	298.4	0.0128	0.0121	0.0244	36.88	38.93	19.35	0.00	-0.68	-1.89	0.0
11104	22.9	-11.3	-1255.9	130.4	465.7	321.7	0.0141	0.0115	0.0244	23.95	29.25	13.79	0.00	-0.46	-1.79	0.0
11110	88.3	-42.5	-1255.5	213.6	359.6	325.3	0.0143	0.0114	0.0244	27.13	34.05	15.89	0.00	-0.59	-1.79	0.0
11111	27.8	-52.6	-1269.9	-75.3	342.8	366.8	0.0176	0.0096	0.0127	6.59	12.12	9.12	0.00	-0.07	-1.57	0.0
11114	23.3	-42.8	-1282.6	-81.1	381.3	354.4	0.0163	0.0102	0.0127	7.92	12.61	10.15	0.00	-0.08	-1.61	0.0
11117	19.1	-30.4	-1280.1	88.2	422.1	340.2	0.0150	0.0109	0.0127	18.36	25.27	21.63	0.00	-0.37	-1.74	0.0
11119	69.7	-49.4	-1263.6	162.1	362.3	336.1	0.0152	0.0110	0.0244	21.99	30.43	13.66	0.00	-0.49	-1.75	0.0
11128	76.0	-80.9	-1209.3	-154.6	296.7	350.9	0.0146	0.0113	0.0244	12.15	15.69	7.24	0.00	-0.18	-1.56	0.0
11179	29.0	-86.7	-1022.6	21.8	-69.8	433.6	0.0266	0.0051	0.0127	3.15	16.52	6.59	0.00	-0.05	-1.28	0.0
11180	31.0	-89.4	-1038.5	18.2	-35.3	441.2	0.0264	0.0052	0.0127	3.20	16.28	6.63	0.00	-0.05	-1.30	0.0
11181	32.1	-90.6	-1057.1	14.8	25.7	446.6	0.0260	0.0054	0.0127	3.58	17.28	7.32	0.00	-0.07	-1.33	0.0
11182	32.4	-90.4	-1078.6	-22.4	64.8	449.9	0.0254	0.0057	0.0127	3.31	14.75	6.60	0.00	-0.05	-1.34	0.0
11183	32.1	-89.0	-1103.0	-31.1	106.3	450.7	0.0246	0.0061	0.0127	3.42	13.87	6.62	0.00	-0.04	-1.37	0.0
11184	31.3	-86.3	-1130.4	-39.4	149.0	449.2	0.0237	0.0065	0.0127	3.64	13.19	6.78	0.00	-0.04	-1.40	0.0
11185	30.3	-82.4	-1160.9	-47.0	192.0	445.1	0.0226	0.0071	0.0127	4.01	12.82	7.13	0.00	-0.05	-1.44	0.0
11186	29.5	-77.1	-1193.9	-53.7	234.9	438.6	0.0214	0.0077	0.0127	4.58	12.79	7.71	0.00	-0.05	-1.48	0.0
11187	28.9	-70.4	-1228.5	-59.4	277.1	429.8	0.0201	0.0083	0.0127	5.38	13.04	8.52	0.00	-0.06	-1.53	0.0
11188	29.4	-61.4	-1262.4	-63.6	317.8	418.5	0.0188	0.0090	0.0127	6.45	13.52	9.54	0.00	-0.07	-1.58	0.0
11189	192.7	40.3	-1120.0	448.8	428.3	360.0	0.0561	0.0128	0.0244	13.19	57.63	30.28	0.00	-1.08	-2.03	0.0
11190	39.0	2.8	-1225.0	180.1	484.6	358.5	0.0573	0.0122	0.0244	7.35	34.42	17.24	0.00	-0.58	-1.87	0.0
11191	34.2	-14.2	-1278.5	108.7	464.8	367.9	0.0135	0.0116	0.0127	25.08	29.16	26.64	0.00	-0.44	-1.83	0.0
11197	61.9	-74.1	-1220.4	-156.1	349.8	363.9	0.0141	0.0115	0.0244	12.52	15.36	7.23	0.00	-0.16	-1.60	0.0
11198	30.3	-50.8	-1289.9	-67.0	356.1	406.4	0.0174	0.0096	0.0127	7.79	14.11	10.70	0.00	-0.09	-1.63	0.0
11201	30.6	-39.6	-1305.8	-70.7	393.5	393.2	0.0161	0.0103	0.0127	9.41	14.71	11.93	0.00	-0.10	-1.67	0.0
11204	30.6	-26.4	-1304.6	79.8	429.0	379.1	0.0148	0.0110	0.0127	19.67	26.55	22.91	0.00	-0.37	-1.80	0.0
11206	45.3	-80.9	-1230.9	-146.5	356.0	374.5	0.0150	0.0111	0.0244	10.38	14.06	6.36	0.00	-0.14	-1.60	0.0
11215	57.1	-90.1	-1135.2	-177.9	248.6	327.1	0.0144	0.0114	0.0244	12.30	15.54	7.23	0.00	-0.23	-1.47	0.0
11266	-11.5	-208.2	-1025.2	24.7	-63.5	559.9	0.0266	0.0051	0.0127	2.89	15.16	6.05	0.00	-0.09	-1.39	0.0
11267	-12.4	-212.3	-1041.2	-19.2	-21.4	569.3	0.0264	0.0052	0.0127	3.22	16.37	6.67	0.00	-0.10	-1.42	0.0
11268	-15.6	-214.8	-1061.4	-37.7	38.3	578.0	0.0259	0.0054	0.0127	3.13	15.05	6.38	0.00	-0.10	-1.44	0.0
11269	-20.8	-215.8	-1086.1	-56.5	84.7	585.7	0.0253	0.0057	0.0127	3.17	14.11	6.32	0.00	-0.10	-1.47	0.0
11270	-28.0	-215.1	-1115.5	-75.3	135.2	592.1	0.0245	0.0061	0.0127	3.22	13.00	6.23	0.00	-0.09	-1.51	0.0
11271	-36.8	-212.8	-1150.1	-93.8	188.7	597.2	0.0236	0.0066	0.0127	3.29	11.84	6.12	0.00	-0.08	-1.55	0.0
11272	-46.7	-209.1	-1190.3	-111.6	245.3	601.0	0.0225	0.0071	0.0127	3.39	10.75	6.01	0.00	-0.07	-1.60	0.0
11273	-57.3	-204.0	-1236.1	-128.4	305.2	603.4	0.0213	0.0077	0.0127	3.56	9.84	5.97	0.00	-0.06	-1.66	0.0
11274	-67.6	-197.5	-1287.1	-144.2	368.6	604.5	0.0200	0.0084	0.0127	3.90	9.33	6.14	0.00	-0.05	-1.73	0.0
11275	-76.4	-189.7	-1342.1	-158.5	436.1	604.7	0.0187	0.0090	0.0127	4.70	9.71	6.90	0.00	-0.05	-1.82	0.0
11276	110.8	-119.6	-1205.5	-251.0	559.0	512.5	0.0559	0.0152	0.0244	5.89	21.71	13.48	0.00	-0.25	-1.95	0.0
11277	-24.1	-132.8	-1334.1	-217.8	680.6	539.6	0.0571	0.0123	0.0244	4.66	21.57	10.89	0.00	-0.20	-2.09	0.0
11278	-54.1	-146.1	-1415.5	-204.5	680.4	567.9	0.0133	0.0117	0.0127	17.40	19.81	18.24	0.00	-0.18	-2.14	0.0
11284	35.0	-100.2	-1139.2	-192.1	316.0	354.2	0.0139	0.0116	0.0244	12.56	15.07	7.15	0.00	-0.21	-1.52	0.0
11285	-81.3	-180.4	-1391.2	-171.2	504.6	602.8	0.0173	0.0097	0.0127	6.31	11.25	8.60	0.00	-0.07	-1.91	0.0
11288	-81.4	-169.9	-1427.7	-182.4	570.4	596.6	0.0160	0.0104	0.0127	8.80	13.53	11.05	0.00	-0.09	-2.01	0.0
11291	-75.8	-158.5	-1446.6	-193.0	635.0	590.2	0.0146	0.0110	0.0127	12.47	16.51	14.36	0.00	-0.13	-2.10	0.0
11293	20.1	-107.4	-1147.7	-187.3	319.8	361.9	0.0144	0.0112	0.0127	10.93	14.12	12.40	0.00	-0.19	-1.51	0.0
11302	-26.4	-26.3	-918.7	53.7	-341.6	236.1	0.0148	0.0111	0.0127	6.60	8.78	7.70	0.00	-0.08	-1.19	0.0
11353	38.4	-70.7	-1022.9	25.4	-109.3	382.2	0.0266	0.0051	0.0127	2.66	13.91	5.55	0.00	-0.03	-1.24	0.0
11354	33.8	-66.2	-1010.0	27.8	-142.2	371.4	0.0264	0.0052	0.0127	2.95	15.02	6.11	0.00	-0.04	-1.23	0.0
11355	28.6	-61.0	-998.6	30.3	-173.2	359.3	0.0260	0.0054	0.0127	3.25	15.72	6.64	0.00	-0.05	-1.23	0.0
11356	23.0	-55.4	-988.8	33.8	-201.8	346.3	0.0254	0.0057	0.0127	3.52	15.80	7.04	0.00	-0.06	-1.23	0.0
11357	17.2	-49.4	-980.2	37.3	-227.7	332.6	0.0247	0.0060	0.0127	3.78	15.46	7.34	0.00	-0.07	-1.23	0.0
11358	11.2	-43.4	-972.9	40.1	-250.7	318.7	0.0237	0.0065	0.0127	4.07	14.87	7.60	0.00	-0.07	-1.22	0.0
11359	5.2	-37.4	-966.4	42.2	-270.6	304.7	0.0227	0.0070	0.0127	4.37	14.13	7.80	0.00	-0.07	-1.22	0.0
11360	-0.7	-31.6	-960.3	43.4	-287.6	290.9	0.0215	0.0076	0.0127	4.69	13.30	7.95	0.00	-0.08	-1.22	0.0
11361	-6.4	-26.3	-954.1	43.8	-301.6	277.4	0.0203	0.0082	0.0127	5.04	12.43	8.05	0.00	-0.08	-1.22	0.0
11362	-12.0	-21.6	-947.4	43.5	-312.8	264.4	0.0190	0.0089	0.0127	5.42	11.56	8.08	0.00	-0.08	-1.21	0.0
11363	-39.0	-12.9	-895.3	36.4	-340.2	205.2	0.0116	0.0127	0.0127	8.21	7.49	7.51	0.00	-0.08	-1.15	0.0
11364	-35.2	-12.2	-903.7	37.6	-338.0	213.3	0.0128	0.0121	0.0127	7.59	8.02	7.66	0.00	-0.08	-1.16	0.0
11365	-31.6	-12.2	-912.9	38.9	-335.5	221.8	0.0141	0.0115	0.0127	7.03	8.59	7.78	0.00	-0.08	-1.17	0.0
11371	-29.3	-21.7	-916.1	48.6	-345.2	232.6	0.0144	0.0114	0.0127	7.04	8.88	7.95	0.00	-0.08	-1.19	0.0
11372	-17.3	-17.6	-939.7	42.8	-321.3	252.7	0.0176	0.0096	0.0127	5.82	10.74	8.07	0.00	-0.08	-1.20	0.0
11375	-22.4	-14.9	-931.5	41.8	-327.6	241.6	0.0163	0.0102	0.0127	6.24	9.95	8.00	0.00	-0.08	-1.19	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
11378	-27.1	-13.0	-922.3	40.4	-332.1	231.4	0.0150	0.0109	0.0127	6.70	9.24	7.90	0.00	-0.08	-1.18	0.0
11380	-25.2	-22.9	-922.2	49.1	-341.0	239.1	0.0152	0.0109	0.0127	6.69	9.31	8.02	0.00	-0.08	-1.19	0.0
11389	-45.8	-37.7	-910.0	76.0	-342.2	253.9	0.0146	0.0112	0.0127	5.20	6.76	5.98	0.00	-0.05	-1.17	0.0
11440	26.3	-82.7	-1009.2	25.2	-105.6	424.3	0.0266	0.0051	0.0127	3.26	17.05	6.81	0.00	-0.05	-1.27	0.0
11441	22.9	-77.9	-998.3	28.0	-140.1	413.5	0.0264	0.0052	0.0127	3.47	17.68	7.20	0.00	-0.06	-1.26	0.0
11442	18.8	-72.2	-989.8	30.2	-172.7	401.5	0.0260	0.0054	0.0127	3.77	18.20	7.70	0.00	-0.07	-1.26	0.0
11443	14.2	-65.7	-983.5	32.6	-203.1	388.5	0.0254	0.0057	0.0127	4.09	18.31	8.17	0.00	-0.08	-1.26	0.0
11444	9.3	-58.8	-979.1	36.4	-230.9	374.7	0.0246	0.0061	0.0127	4.39	17.82	8.49	0.00	-0.09	-1.27	0.0
11445	4.2	-51.6	-976.6	39.6	-256.0	360.6	0.0237	0.0065	0.0127	4.70	17.09	8.77	0.00	-0.09	-1.27	0.0
11446	-1.0	-44.4	-975.4	41.6	-278.3	346.1	0.0226	0.0071	0.0127	5.07	16.25	9.02	0.00	-0.09	-1.27	0.0
11447	-5.9	-37.3	-975.1	42.5	-297.6	331.4	0.0214	0.0076	0.0127	5.48	15.36	9.24	0.00	-0.10	-1.27	0.0
11448	-10.3	-30.6	-975.1	42.1	-313.9	316.5	0.0202	0.0083	0.0127	5.94	14.47	9.43	0.00	-0.10	-1.28	0.0
11449	-13.9	-24.4	-974.6	40.3	-326.7	301.4	0.0188	0.0090	0.0127	6.48	13.62	9.59	0.00	-0.10	-1.28	0.0
11450	-36.7	-18.2	-943.4	34.1	-368.8	235.1	0.0114	0.0128	0.0127	10.34	9.21	9.30	0.00	-0.11	-1.24	0.0
11451	-30.2	-15.9	-950.8	32.3	-360.8	243.0	0.0126	0.0122	0.0127	9.58	9.89	9.53	0.00	-0.11	-1.25	0.0
11452	-23.8	-13.9	-958.4	30.6	-351.9	250.2	0.0135	0.0116	0.0127	9.12	10.62	9.70	0.00	-0.11	-1.25	0.0
11458	-54.2	-36.8	-917.8	72.0	-363.4	262.4	0.0142	0.0115	0.0127	6.13	7.56	6.83	0.00	-0.06	-1.21	0.0
11459	-16.5	-19.1	-972.7	37.7	-335.9	287.1	0.0175	0.0096	0.0127	7.08	12.85	9.74	0.00	-0.10	-1.27	0.0
11462	-18.9	-15.8	-969.3	35.0	-342.6	273.2	0.0161	0.0103	0.0127	7.70	12.06	9.77	0.00	-0.11	-1.27	0.0
11465	-20.4	-13.3	-964.7	31.6	-346.5	259.7	0.0148	0.0110	0.0127	8.39	11.34	9.78	0.00	-0.11	-1.26	0.0
11467	-48.7	-39.5	-921.6	72.8	-357.3	269.6	0.0147	0.0110	0.0127	5.96	7.91	6.87	0.00	-0.06	-1.21	0.0
11476	-59.1	-40.4	-875.8	106.4	-299.4	237.3	0.0144	0.0113	0.0127	4.15	5.27	4.71	0.00	-0.05	-1.10	0.0
11527	-12.7	-202.4	-1012.9	38.9	-105.7	549.8	0.0266	0.0051	0.0127	2.91	15.25	6.09	0.00	-0.08	-1.38	0.0
11528	-15.7	-195.2	-1004.0	52.1	-146.3	538.5	0.0264	0.0052	0.0127	2.97	15.14	6.17	0.00	-0.08	-1.37	0.0
11529	-20.7	-186.8	-998.6	64.4	-185.4	526.6	0.0260	0.0054	0.0127	3.09	14.90	6.31	0.00	-0.08	-1.37	0.0
11530	-27.5	-177.3	-996.5	75.6	-222.9	514.7	0.0254	0.0057	0.0127	3.26	14.56	6.51	0.00	-0.08	-1.37	0.0
11531	-36.0	-167.1	-997.8	85.9	-259.0	502.9	0.0246	0.0061	0.0127	3.50	14.15	6.76	0.00	-0.08	-1.38	0.0
11532	-45.9	-156.3	-1002.2	95.1	-293.9	491.6	0.0236	0.0065	0.0127	3.79	13.68	7.04	0.00	-0.08	-1.39	0.0
11533	-57.3	-145.4	-1009.7	103.4	-327.9	480.8	0.0225	0.0071	0.0127	4.14	13.18	7.35	0.00	-0.08	-1.41	0.0
11534	-70.0	-134.7	-1019.8	110.5	-361.4	470.6	0.0213	0.0077	0.0127	4.58	12.71	7.69	0.00	-0.09	-1.43	0.0
11535	-83.6	-124.5	-1032.4	116.3	-394.9	461.2	0.0201	0.0083	0.0127	5.12	12.32	8.08	0.00	-0.09	-1.46	0.0
11536	-98.1	-115.1	-1047.2	120.6	-429.2	452.6	0.0187	0.0090	0.0127	5.83	12.09	8.58	0.00	-0.09	-1.49	0.0
11537	-162.3	-74.9	-1039.7	118.7	-562.6	344.1	0.0112	0.0129	0.0127	11.53	10.03	10.20	0.00	-0.12	-1.54	0.0
11538	-155.5	-81.2	-1056.9	121.9	-556.1	370.1	0.0125	0.0123	0.0127	10.57	10.68	10.36	0.00	-0.12	-1.56	0.0
11539	-148.6	-88.9	-1076.8	123.7	-548.1	397.9	0.0133	0.0117	0.0127	10.05	11.46	10.55	0.00	-0.13	-1.59	0.0
11545	-81.7	-47.9	-877.9	114.4	-334.3	256.1	0.0140	0.0116	0.0127	3.88	4.68	4.26	0.00	-0.04	-1.13	0.0
11546	-111.9	-106.7	-1060.3	123.3	-462.9	443.9	0.0173	0.0097	0.0127	6.75	12.05	9.20	0.00	-0.10	-1.53	0.0
11549	-125.1	-99.9	-1071.2	124.4	-493.8	432.7	0.0160	0.0104	0.0127	7.73	11.91	9.72	0.00	-0.11	-1.56	0.0
11552	-138.6	-94.5	-1082.3	124.2	-525.3	421.3	0.0146	0.0110	0.0127	8.97	11.89	10.33	0.00	-0.12	-1.59	0.0
11554	-74.3	-52.8	-879.4	115.8	-328.8	261.3	0.0145	0.0111	0.0127	3.93	5.11	4.47	0.00	-0.04	-1.13	0.0
11585	209.2	-11.5	-954.9	144.3	396.2	-239.3	0.0511	0.0153	0.0244	6.77	22.57	14.17	0.00	-0.31	-1.49	0.0
11586	209.1	-13.0	-979.9	-246.8	382.6	-183.9	0.0513	0.0152	0.0244	9.54	32.14	20.04	0.00	-0.66	-1.59	0.0
11617	130.0	-39.3	-1013.7	181.7	512.5	-161.6	0.0511	0.0153	0.0244	7.05	23.45	14.73	0.00	-0.39	-1.61	0.0
11618	134.9	-36.7	-1044.3	-181.8	478.7	-166.5	0.0513	0.0152	0.0244	8.17	27.50	17.16	0.00	-0.56	-1.64	0.0
11649	101.2	-48.4	-1001.5	95.5	567.2	-108.3	0.0511	0.0154	0.0244	6.78	22.55	14.17	0.00	-0.38	-1.60	0.0
11650	108.3	-48.2	-1037.2	69.4	548.5	-176.1	0.0513	0.0153	0.0244	6.41	21.54	13.45	0.00	-0.35	-1.62	0.0
11651	-69.9	-30.5	-991.9	32.6	-382.6	-140.4	0.0064	0.0153	0.0127	17.77	7.45	8.99	0.00	-0.18	-1.26	0.0
11652	-70.1	-30.6	-1008.6	32.3	-386.6	-145.8	0.0066	0.0152	0.0127	17.47	7.62	9.13	0.00	-0.18	-1.28	0.0
11683	-77.4	-39.1	-1047.7	33.6	-437.1	-155.1	0.0064	0.0153	0.0127	21.34	8.92	10.77	0.00	-0.21	-1.37	0.0
11684	-76.8	-39.1	-1064.5	33.8	-439.9	-161.6	0.0066	0.0152	0.0127	21.01	9.12	10.94	0.00	-0.21	-1.39	0.0
11715	-235.3	-79.5	-1135.5	-81.0	-658.8	-195.4	0.0064	0.0154	0.0127	17.94	7.48	9.04	0.00	-0.17	-1.63	0.0
11716	-237.6	-82.1	-1155.3	-85.7	-664.0	-209.0	0.0066	0.0153	0.0127	17.19	7.43	8.92	0.00	-0.16	-1.65	0.0
11807	133.1	-9.1	-1101.0	-404.4	319.3	-257.2	0.0517	0.0150	0.0244	11.08	38.09	23.45	0.00	-0.92	-1.77	0.0
11808	83.8	-12.2	-1209.0	-167.1	324.4	-326.1	0.0523	0.0147	0.0244	6.57	23.35	14.07	0.00	-0.48	-1.69	0.0
11809	90.1	-12.9	-1246.1	-152.3	334.1	-383.9	0.0531	0.0143	0.0244	6.69	24.77	14.54	0.00	-0.47	-1.76	0.0
11810	169.3	18.5	-1223.5	63.9	384.6	-450.7	0.0540	0.0139	0.0244	5.31	20.62	11.73	0.00	-0.15	-1.75	0.0
11871	23.4	-35.2	-1118.0	-360.8	500.3	-256.3	0.0517	0.0151	0.0244	10.38	35.59	21.94	0.00	-0.88	-1.85	0.0
11872	-62.1	-31.4	-1205.7	-77.3	537.5	-253.7	0.0523	0.0148	0.0244	4.89	17.31	10.45	0.00	-0.36	-1.70	0.0
11873	-67.9	-13.2	-1258.8	53.0	521.6	-295.8	0.0530	0.0144	0.0244	2.91	10.74	6.32	0.00	-0.14	-1.67	0.0
11874	19.7	-50.5	-1241.4	195.6	542.6	-404.5	0.0539	0.0140	0.0244	4.31	16.63	9.50	0.00	-0.16	-1.81	0.0
11935	45.7	-58.2	-1090.0	-121.8	651.1	-286.5	0.0516	0.0151	0.0244	8.73	29.87	18.43	0.00	-0.58	-1.87	0.0
11936	-1.7	-50.3	-1146.7	87.3	761.2	-284.0	0.0522	0.0148	0.0244	7.36	25.99	15.73	0.00	-0.38	-1.97	0.0
11937	-6.8	-39.2	-1199.1	88.4	747.2	-308.5	0.0529	0.0144	0.0244	6.83	25.04	14.79	0.00	-0.35	-1.98	0.0
11938	34.7	-91.1	-1196.7	124.7	657.8	-348.2	0.0538	0.0140	0.0244	5.99	22.95	13.17	0.00	-0.32	-1.90	0.0
11939	-69.7	-30.4	-1035.2	31.8	-391.9	-155.0	0.0070	0.0150	0.0127	16.92	7.90	9.35	0.00	-0.18	-1.31	0.0
11940	-69.1	-30.2	-1073.3	-29.9	-399.3	-168.3	0.0077	0.0147	0.0127	10.29	5.35	6.20	0.00	-0.09	-1.32	0.0
11941	-69.0	-29.8	-1115.5	-31.4	-408.1	-183.1	0.0084	0.0143	0.0127	9.69	5.70	6.43	0.00	-0.09	-1.36	0.0
11942	-69.4	-29.1	-1160.9	-33.1	-418.4	-198.4	0.0093	0.0139	0.0127	9.10	6.11	6.67	0.00	-0.10	-1.42	0.0
12003	-75.9	-39.7	-1091.5	33.6	-443.2	-173.5	0.0070	0.0151	0.0127	20.31	9.42	11.17	0.00	-0.21	-1.42	0.0
12004	-74.4	-41.0	-1130.1	-32.3	-447.8	-191.2	0.0076	0.0148	0.0127	13.28	6.84	7.94	0.00	-0.12	-1.42	0.0
12005	-73.2	-41.9	-1172.3	-33.8	-453.8	-211.1	0.0083	0.0144	0.0127	12.43	7.20	8.15	0.00	-0.13	-1.47	0.0
12006	-72.1	-41.6	-1216.9	-34.2	-461.2	-229.7	0.0092	0.0140	0.0127	11.70	7.71	8.47	0.00	-0.13	-1.53	0.0
12067	-238.7	-84.3	-1184.7	-90.6	-667.3	-228.3	0.0070	0.0151	0.0127	15.83	7.29	8.66	0.00	-0.16	-1.68	0.0
12068	-240.5	-90.6	-1225.7	-102.6	-671.2	-258.3	0.0075	0.0148	0.0127	13.76	7.02	8.16	0.00	-0.15	-1.72	0.0
12069	-244.1	-99.9	-1271.5	-114.9	-679.1	-291.5	0.0083	0.0144	0.0127	11.98	6.85	7.78	0.00	-0.14	-1.77	0.0
12070	-249.2	-112.1	-1322.4	-126.4	-691.1	-327.1	0.0091	0.0140	0.0127	10.55	6.84	7.54	0.00	-0.14	-1.83	0.0
12161	292.8	23.2	-1181.0	-10.2	476.4	-279.2	0.0548	0.0135	0.0244	8.28	33.60	18.56	0.00	-0.40	-1.83	0.0
12162	322.6	35.5	-1226.1	-414.8	483.5	-219.2	0.0554	0.0154	0.0244	13.64	48.98	30.92	0.00	-1.01	-2.13	0.0
12193	197.6	-33.1	-1226.8	117.2	531.8	-289.3	0.0546	0.0136	0.0244	6.87	27.64	15.36	0.00	-0.34	-1.85	0.0
12194	268.1	-5.6	-1298.0	-233.6	470.1	-286.7	0.0552	0.0155	0.0244	10.22	36.39	23.11	0.00	-0.70	-2.03	0.0
12225	141.3	-136.6	-1202.6	128.6	551.4	-305.4	0.0545	0.0137	0.0244	6.23	24.86	13.89	0.00	-0.40	-1.82	0.0
12226	182.8	-146.0	-1327.5	186.7	516.8	-394.3	0.0551	0.0134	0.0244	6.40	26.36	14.42	0.00	-0.38	-1.97	0.0
12227	-69.4	-28.5	-1198.2	-33.9	-426.3	-208.6	0.0101	0.0135	0.0127	8.62	6.46	6.86	0.00	-0.10	-1.46	0.0
12228	-68.7	-28.3	-1226.8	-34.6	-430.6	-216.9	0.0107	0.0132	0.0127	8.25	6.71	6.97	0.00	-0.10	-1.49	0.0
12259	-70.9	-41.0	-1253.4	-33.3	-466.5	-241.0	0.0100	0.0136	0.0127	11.13	8.16	8.72	0.00	-0.13	-1.57	0.0
12260	-68.4	-40.5	-1281.4	-32.2	-468.0	-250.0	0.0105	0.0133	0.0127	10.73	8.53	8.91	0.00	-0.13	-1.60	0.0
12291	-251.4	-120.9	-1365.2	-130.2	-699.3	-351.8	0.0098	0.0137	0.0127	9.67	6.94	7.46	0.00	-0.14	-1.88	0.0
12292	-250.9	-127.8	-1398.6	-135.4	-702.3	-373.2	0.0104	0.0134	0.0127	8.93	6.93	7.29	0.00	-0.14	-1.92	0.0
12331	56.3	-88.9	-1655.1	-183.7	431.7	-373.7	0.0148	0.0111	0.0244	23.13	30.76	14.03	0.00	-0.55	-2.16	0.0
12382	24.7	-130.7	-1824.0	-22.6	-70.2	-591.9	0.0266	0.0051	0.0127	2.10	10.98	4.38	0.00	-0.03	-2.07	0.0
12383	26.6	-132.5	-1834.2	-16.7	-18.9	-596.3	0.0264	0.0052	0.0127	2.23	11.40	4.64	0.00	-0.04	-2.08	0.0
12384	26.7	-132.5	-1841.3	17.2	67.1	-595.9	0.0260	0.0054	0.0127	2.13	10.30	4.35	0.00	-0.03	-2.09	0.0
12385	25.1	-130.7	-1845.7	28.7	121.0	-590.8	0.0254	0.0057	0.0127	2.21	9.93	4.42	0.00	-0.03	-2.09	0.0
12386	22.0	-127.4	-1847.7	39.4	175.4	-581.1	0.0247	0.0060	0.0127	2.40	9.80	4.66	0.00	-0.03	-2.10	0.0
12387	17.7	-122.7	-1847.7	49.1	228.6	-567.3	0.0237	0.0065	0.0127	2.70	9.87	5.04	0.00	-0.04	-2.11	0.0
12388	12.5	-116.9	-1846.0	57.7	279.6	-549.8	0.0227	0.0070	0.0127	3.10	10.04	5.54	0.00	-0.05	-2.12	0.0
12389	6.8	-110.0	-1843.0	64.9	327.7	-529.3	0.0215	0.0076	0.0127	3.62	10.26	6.14	0.00	-0.06	-2.12	0.0
12390	1.0	-102.0	-1838.1	70.8	372.6	-506.3	0.0203	0.0082	0.0127	4.26	10.51	6.80	0.00	-0.07	-2.13	0.0
12391	-4.7	-92.8	-1830.0	75.4	414.2	-481.4	0.0190	0.0089	0.0127	5.06	10.80	7.55	0.00	-0.08	-2.14	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
12392	167.6	35.0	-1399.4	-703.5	532.0	-291.8	0.0563	0.0150	0.0244	16.99	63.86	39.14	0.00	-1.54	-2.52	0.0
12393	-3.2	-14.2	-1581.3	-261.1	597.4	-331.9	0.0128	0.0121	0.0244	36.57	38.62	19.19	0.00	-0.72	-2.28	0.0
12394	-15.6	-41.3	-1679.3	-136.2	565.3	-369.4	0.0141	0.0115	0.0244	23.57	28.83	13.58	0.00	-0.49	-2.24	0.0
12400	47.1	-73.6	-1657.1	-216.3	460.8	-370.8	0.0144	0.0114	0.0244	26.66	33.63	15.66	0.00	-0.62	-2.21	0.0
12401	-10.2	-82.8	-1815.1	79.2	452.5	-456.5	0.0176	0.0096	0.0127	6.03	11.13	8.37	0.00	-0.09	-2.14	0.0
12404	-15.0	-71.7	-1789.2	82.2	489.2	-430.0	0.0163	0.0102	0.0127	7.29	11.63	9.35	0.00	-0.10	-2.13	0.0
12407	-19.1	-59.0	-1746.5	-89.9	526.5	-402.0	0.0150	0.0109	0.0127	18.06	24.90	21.29	0.00	-0.40	-2.23	0.0
12409	30.5	-80.9	-1691.8	-161.9	467.3	-390.3	0.0152	0.0109	0.0244	21.59	30.07	13.46	0.00	-0.52	-2.20	0.0
12418	31.3	-126.4	-1584.6	161.4	396.0	-398.9	0.0146	0.0112	0.0244	10.18	13.23	6.09	0.00	-0.19	-1.93	0.0
12469	-6.4	-155.3	-1797.1	-21.9	-65.0	-650.4	0.0266	0.0051	0.0127	2.68	14.02	5.60	0.00	-0.08	-2.10	0.0
12470	-5.0	-156.7	-1807.5	-15.8	15.6	-655.0	0.0264	0.0052	0.0127	2.90	14.79	6.02	0.00	-0.09	-2.11	0.0
12471	-4.8	-156.0	-1816.3	17.6	67.0	-655.0	0.0260	0.0054	0.0127	2.76	13.33	5.64	0.00	-0.07	-2.12	0.0
12472	-5.8	-153.1	-1823.8	28.2	122.4	-650.1	0.0254	0.0057	0.0127	2.86	12.79	5.71	0.00	-0.07	-2.13	0.0
12473	-7.6	-148.1	-1830.3	37.9	178.7	-640.6	0.0246	0.0061	0.0127	3.04	12.36	5.89	0.00	-0.07	-2.14	0.0
12474	-9.7	-141.4	-1836.1	46.3	234.1	-626.8	0.0237	0.0065	0.0127	3.33	12.12	6.22	0.00	-0.08	-2.15	0.0
12475	-11.6	-133.1	-1841.5	53.3	287.3	-608.8	0.0226	0.0071	0.0127	3.77	12.09	6.71	0.00	-0.08	-2.16	0.0
12476	-12.8	-123.5	-1846.3	58.7	337.8	-587.2	0.0214	0.0076	0.0127	4.38	12.28	7.39	0.00	-0.09	-2.18	0.0
12477	-12.9	-112.4	-1849.8	62.4	384.9	-562.3	0.0202	0.0083	0.0127	5.20	12.67	8.26	0.00	-0.10	-2.19	0.0
12478	-11.0	-99.2	-1849.8	64.0	427.5	-534.5	0.0188	0.0090	0.0127	6.32	13.28	9.36	0.00	-0.11	-2.21	0.0
12479	149.5	-2.8	-1441.1	-467.3	502.1	-395.0	0.0561	0.0151	0.0244	13.09	48.71	30.05	0.00	-1.13	-2.36	0.0
12480	9.4	-33.2	-1599.5	-191.2	573.0	-402.8	0.0573	0.0122	0.0244	7.35	34.43	17.24	0.00	-0.62	-2.26	0.0
12481	3.0	-46.4	-1704.6	-118.2	560.3	-424.1	0.0135	0.0116	0.0127	25.19	29.32	26.78	0.00	-0.48	-2.29	0.0
12487	16.6	-120.3	-1601.9	160.9	451.5	-416.9	0.0142	0.0115	0.0244	10.57	13.04	6.12	0.00	-0.17	-1.98	0.0
12488	-7.9	-85.1	-1841.0	64.5	465.1	-506.4	0.0175	0.0096	0.0127	7.72	14.01	10.61	0.00	-0.12	-2.22	0.0
12491	-5.1	-71.7	-1818.4	65.6	499.7	-477.7	0.0161	0.0103	0.0127	9.34	14.64	11.86	0.00	-0.13	-2.21	0.0
12494	-2.2	-57.0	-1776.2	-87.4	530.3	-448.7	0.0148	0.0110	0.0127	19.89	26.88	23.18	0.00	-0.42	-2.30	0.0
12496	-0.6	-129.5	-1638.1	153.7	462.1	-436.9	0.0147	0.0110	0.0127	8.90	11.82	10.27	0.00	-0.15	-2.01	0.0
12505	8.6	-146.4	-1473.8	196.8	335.0	-364.2	0.0144	0.0113	0.0244	10.23	13.00	6.04	0.00	-0.25	-1.80	0.0
12556	-84.1	-397.6	-1811.0	-22.8	-57.2	-844.2	0.0266	0.0051	0.0127				0.00	-0.08	-2.21	
12557	-86.1	-400.3	-1822.6	28.6	28.1	-851.6	0.0264	0.0052	0.0127	0.01	0.07	0.03	0.00	-0.09	-2.22	0.0
12558	-91.3	-399.7	-1834.6	54.3	88.3	-855.1	0.0260	0.0054	0.0127	0.03	0.13	0.06	0.00	-0.09	-2.24	0.0
12559	-99.5	-395.8	-1847.5	79.6	155.1	-854.9	0.0254	0.0057	0.0127	0.02	0.07	0.03	0.00	-0.09	-2.26	0.0
12560	-110.3	-388.9	-1862.0	104.1	224.5	-851.2	0.0246	0.0061	0.0127	0.01	0.03	0.01	0.00	-0.08	-2.28	0.0
12561	-123.0	-379.3	-1878.6	127.1	295.2	-844.1	0.0236	0.0065	0.0127	0.01	0.05	0.03	0.00	-0.08	-2.31	0.0
12562	-137.0	-367.3	-1898.1	148.2	366.8	-834.0	0.0225	0.0071	0.0127	0.06	0.19	0.11	0.00	-0.07	-2.34	0.0
12563	-151.2	-353.2	-1920.7	167.2	439.3	-821.2	0.0213	0.0077	0.0127	0.21	0.58	0.35	0.00	-0.06	-2.38	0.0
12564	-164.6	-337.5	-1946.2	183.6	512.8	-806.0	0.0201	0.0083	0.0127	0.60	1.45	0.95	0.00	-0.06	-2.42	0.0
12565	-175.3	-320.0	-1973.6	197.3	587.6	-789.5	0.0187	0.0090	0.0127	1.53	3.18	2.25	0.00	-0.07	-2.49	0.0
12566	55.2	-192.8	-1538.5	266.3	653.6	-579.3	0.0559	0.0129	0.0244	5.35	23.16	12.25	0.00	-0.28	-2.30	0.0
12567	-94.5	-213.8	-1738.6	239.7	805.0	-626.1	0.0571	0.0123	0.0244	4.11	19.06	9.61	0.00	-0.23	-2.52	0.0
12568	-137.5	-237.9	-1886.2	231.1	821.9	-676.8	0.0133	0.0117	0.0127	14.52	16.55	15.23	0.00	-0.21	-2.64	0.0
12574	-19.7	-162.8	-1483.0	213.7	407.9	-400.9	0.0140	0.0116	0.0244	10.32	12.45	5.90	0.00	-0.24	-1.86	0.0
12575	-180.1	-301.1	-1990.9	208.3	660.2	-770.4	0.0173	0.0097	0.0127	3.26	5.83	4.45	0.00	-0.09	-2.55	0.0
12578	-177.8	-281.1	-1991.5	216.8	725.7	-745.9	0.0160	0.0104	0.0127	5.78	8.90	7.26	0.00	-0.12	-2.61	0.0
12581	-167.8	-260.4	-1970.8	223.7	786.6	-721.3	0.0146	0.0110	0.0127	9.48	12.58	10.93	0.00	-0.16	-2.66	0.0
12583	-37.4	-174.6	-1514.7	211.6	415.9	-417.0	0.0145	0.0111	0.0127	8.68	11.30	9.89	0.00	-0.22	-1.88	0.0
12592	-62.5	-49.5	-1341.4	-61.4	-457.9	-280.1	0.0148	0.0112	0.0127	6.28	8.30	7.30	0.00	-0.10	-1.64	0.0
12643	20.9	-127.0	-1810.5	-28.6	-123.5	-582.5	0.0266	0.0051	0.0127	2.18	11.43	4.56	0.00	-0.03	-2.06	0.0
12644	15.4	-121.4	-1793.4	-34.2	-175.8	-568.7	0.0264	0.0052	0.0127	2.45	12.46	5.08	0.00	-0.04	-2.05	0.0
12645	8.4	-114.2	-1773.1	-39.8	-225.4	-550.9	0.0260	0.0054	0.0127	2.76	13.31	5.63	0.00	-0.06	-2.04	0.0
12646	0.4	-105.7	-1749.8	-45.7	-270.9	-529.6	0.0254	0.0057	0.0127	3.04	13.63	6.08	0.00	-0.07	-2.02	0.0
12647	-8.3	-96.3	-1723.6	-50.8	-311.7	-505.5	0.0246	0.0060	0.0127	3.32	13.53	6.44	0.00	-0.07	-2.00	0.0
12648	-17.2	-86.5	-1694.6	-54.5	-347.4	-479.3	0.0237	0.0065	0.0127	3.62	13.19	6.75	0.00	-0.08	-1.98	0.0
12649	-26.0	-76.5	-1662.9	-56.6	-377.5	-451.7	0.0227	0.0070	0.0127	3.93	12.68	7.02	0.00	-0.08	-1.95	0.0
12650	-34.3	-66.8	-1628.4	-57.1	-401.9	-423.4	0.0215	0.0076	0.0127	4.27	12.06	7.22	0.00	-0.09	-1.92	0.0
12651	-41.9	-57.7	-1591.2	-56.3	-420.8	-394.9	0.0202	0.0082	0.0127	4.63	11.37	7.37	0.00	-0.09	-1.88	0.0
12652	-48.7	-49.6	-1550.9	-54.3	-434.4	-366.8	0.0189	0.0089	0.0127	5.01	10.65	7.46	0.00	-0.09	-1.84	0.0
12653	-68.6	-28.4	-1266.7	-36.5	-436.2	-231.6	0.0116	0.0127	0.0127	7.74	7.06	7.08	0.00	-0.10	-1.54	0.0
12654	-67.6	-29.1	-1317.5	-39.1	-442.1	-250.1	0.0128	0.0121	0.0127	7.13	7.53	7.20	0.00	-0.10	-1.59	0.0
12655	-66.3	-30.8	-1368.4	-42.1	-446.2	-270.1	0.0141	0.0115	0.0127	6.56	8.01	7.26	0.00	-0.10	-1.65	0.0
12661	-64.1	-43.2	-1342.2	-54.1	-460.3	-277.0	0.0143	0.0114	0.0127	6.77	8.49	7.62	0.00	-0.10	-1.64	0.0
12662	-54.5	-42.7	-1508.2	-51.9	-442.8	-340.6	0.0176	0.0096	0.0127	5.40	9.94	7.48	0.00	-0.09	-1.80	0.0
12665	-59.4	-37.5	-1463.9	-49.0	-447.1	-315.8	0.0163	0.0102	0.0127	5.80	9.24	7.43	0.00	-0.09	-1.75	0.0
12668	-63.2	-33.4	-1417.3	-45.6	-448.0	-292.5	0.0150	0.0109	0.0127	6.25	8.60	7.36	0.00	-0.09	-1.70	0.0
12670	-60.8	-45.8	-1373.3	-55.9	-459.6	-291.6	0.0152	0.0110	0.0127	6.42	8.88	7.66	0.00	-0.10	-1.67	0.0
12679	-94.1	-76.0	-1307.2	-91.6	-458.7	-299.7	0.0146	0.0113	0.0127	4.18	5.40	4.79	0.00	-0.07	-1.59	0.0
12730	-9.3	-151.9	-1784.7	-28.0	-120.1	-640.9	0.0266	0.0051	0.0127	2.70	14.15	5.65	0.00	-0.08	-2.09	0.0
12731	-13.5	-146.0	-1770.0	-33.6	-174.1	-627.0	0.0264	0.0052	0.0127	2.88	14.66	5.98	0.00	-0.08	-2.08	0.0
12732	-18.8	-137.9	-1753.6	-38.1	-225.4	-609.2	0.0260	0.0054	0.0127	3.18	15.33	6.49	0.00	-0.09	-2.07	0.0
12733	-25.1	-128.1	-1735.4	-42.2	-272.9	-587.8	0.0254	0.0057	0.0127	3.53	15.75	7.04	0.00	-0.10	-2.06	0.0
12734	-31.8	-117.1	-1715.5	-47.0	-316.1	-563.5	0.0246	0.0061	0.0127	3.87	15.67	7.48	0.00	-0.11	-2.04	0.0
12735	-38.5	-105.3	-1693.8	-50.3	-354.4	-536.8	0.0237	0.0065	0.0127	4.24	15.36	7.90	0.00	-0.11	-2.02	0.0
12736	-44.8	-93.1	-1670.2	-51.6	-387.3	-508.1	0.0226	0.0071	0.0127	4.67	14.93	8.31	0.00	-0.12	-2.01	0.0
12737	-50.1	-80.9	-1644.5	-50.9	-414.6	-477.9	0.0214	0.0077	0.0127	5.16	14.42	8.69	0.00	-0.12	-1.98	0.0
12738	-54.1	-69.3	-1616.2	-48.4	-435.9	-446.7	0.0201	0.0083	0.0127	5.72	13.87	9.06	0.00	-0.13	-1.96	0.0
12739	-56.0	-58.1	-1584.8	-43.9	-450.8	-414.6	0.0188	0.0090	0.0127	6.36	13.33	9.41	0.00	-0.13	-1.92	0.0
12740	-64.5	-39.7	-1321.4	-31.2	-468.6	-266.0	0.0114	0.0128	0.0127	10.23	9.10	9.20	0.00	-0.14	-1.64	0.0
12741	-59.5	-38.1	-1373.0	-28.6	-467.3	-284.7	0.0126	0.0122	0.0127	9.61	9.91	9.55	0.00	-0.14	-1.69	0.0
12742	-54.3	-36.4	-1423.9	-26.2	-463.2	-303.2	0.0135	0.0116	0.0127	9.26	10.76	9.84	0.00	-0.14	-1.75	0.0
12748	-103.3	-74.8	-1325.9	-85.7	-484.2	-313.4	0.0141	0.0115	0.0127	5.06	6.21	5.62	0.00	-0.08	-1.64	0.0
12749	-55.9	-48.5	-1549.7	-38.4	-459.3	-383.9	0.0174	0.0096	0.0127	7.08	12.82	9.72	0.00	-0.14	-1.89	0.0
12752	-55.4	-41.9	-1511.4	-33.5	-463.5	-354.3	0.0161	0.0103	0.0127	7.77	12.16	9.86	0.00	-0.14	-1.84	0.0
12755	-53.5	-36.6	-1470.0	-27.8	-462.8	-325.7	0.0148	0.0110	0.0127	8.55	11.54	9.96	0.00	-0.14	-1.80	0.0
12757	-99.0	-80.6	-1353.5	-87.9	-481.4	-329.7	0.0150	0.0111	0.0127	4.74	6.42	5.59	0.00	-0.08	-1.66	0.0
12766	-120.6	-90.4	-1234.5	-132.6	-402.6	-271.6	0.0144	0.0114	0.0127	2.63	3.33	2.98	0.00	-0.09	-1.47	0.0
12817	-85.4	-391.3	-1798.9	-45.0	-122.4	-832.3	0.0266	0.0051	0.0127				0.00	-0.08	-2.19	
12818	-89.9	-381.7	-1786.4	-66.3	-186.1	-817.1	0.0264	0.0052	0.0127				0.00	-0.08	-2.18	
12819	-97.7	-369.3	-1774.3	-86.2	-247.4	-799.6	0.0259	0.0054	0.0127	0.03	0.16	0.07	0.00	-0.07	-2.17	0.0
12820	-108.4	-354.6	-1762.7	-104.2	-306.1	-779.9	0.0253	0.0057	0.0127	0.20	0.91	0.41	0.00	-0.08	-2.17	0.0
12821	-121.7	-337.8	-1751.6	-120.2	-362.0	-758.3	0.0245	0.0061	0.0127	0.42	1.71	0.82	0.00	-0.08	-2.16	0.0
12822	-137.1	-319.6	-1741.1	-134.1	-415.0	-735.2	0.0236	0.0066	0.0127	0.69	2.48	1.28	0.00	-0.08	-2.16	0.0
12823	-153.9	-300.3	-1731.3	-145.6	-465.2	-711.2	0.0225	0.0071	0.0127	1.01	3.19	1.79	0.00	-0.09	-2.17	0.0
12824	-171.8	-280.7	-1722.1	-154.7	-512.7	-686.4	0.0213	0.0077	0.0127	1.39	3.85	2.34	0.00	-0.09	-2.17	0.0
12825	-190.2	-261.2	-1713.4	-161.1	-557.8	-661.2	0.0200	0.0084	0.0127	1.88	4.49	2.95	0.00	-0.10	-2.18	0.0
12826	-208.5	-242.3	-1705.4	-164.6	-601.5	-636.2	0.0187	0.0090	0.0127	2.53	5.23	3.72	0.00	-0.11	-2.19	0.0
12827	-252.4	-138.5	-1451.3	-142.2	-710.5	-406.6	0.0112	0.0129	0.0127	8.13	7.07	7.19	0.00	-0.14	-1.98	0.0
12828	-254.3	-156.0	-1523.9	-149.5	-718.4	-453.5	0.0124	0.0123	0.0127	7.15	7.22	7.01	0.00	-0.14	-2.06	0.0
12829	-255.3	-175.9	-1600.4	-155.3	-722.8	-504.5	0.0133	0.0117	0.0127	6.54	7.45	6.86	0.00	-0.14	-2.15	0.0
12835	-152.4	-104.0	-1246.8	-143.5	-446.3	-300.2	0.0139	0.0116	0.0127	2.00	2.40	2.19	0.00	-0.07	-1.51	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
12836	-224.3	-224.1	-1691.8	-165.4	-641.3	-610.4	0.0173	0.0097	0.0127	3.41	6.07	4.64	0.00	-0.12	-2.20	0.0
12839	-237.7	-207.5	-1672.6	-163.7	-674.7	-580.7	0.0160	0.0104	0.0127	4.32	6.64	5.43	0.00	-0.13	-2.20	0.0
12842	-250.0	-192.6	-1651.3	-159.9	-705.9	-550.8	0.0146	0.0110	0.0127	5.50	7.28	6.33	0.00	-0.14	-2.19	0.0
12844	-146.5	-114.0	-1269.8	-147.1	-444.0	-313.6	0.0144	0.0112	0.0127	2.01	2.60	2.28	0.00	-0.08	-1.54	0.0
12845	130.3	69.6	-821.3	42.8	376.6	94.6	0.0509	0.0155	0.0244	5.61	18.47	11.68	0.00	-0.23	-1.24	0.0
12846	141.4	96.5	-758.7	-27.9	382.0	90.4	0.0507	0.0155	0.0244	5.55	18.15	11.53	0.00	-0.18	-1.19	0.0
12847	142.7	98.1	-748.7	-36.1	378.2	94.3	0.0507	0.0155	0.0244	5.55	18.13	11.52	0.00	-0.17	-1.18	0.0
12848	133.6	74.8	-789.8	-58.4	365.5	91.5	0.0509	0.0155	0.0244	5.19	17.09	10.81	0.00	-0.18	-1.19	0.0
13165	162.2	595.0	268.3	-149.9	337.9	643.6	0.0508	0.0233	0.0244	21.74	47.35	45.22	0.00	-0.74	-1.55	0.0
13166	41.1	332.8	71.9	-42.8	-24.8	107.3	0.0507	0.0234	0.0244	7.46	16.18	15.48	0.00	-0.34	-0.35	0.0
13167	42.1	324.4	73.6	36.3	-25.4	-109.4	0.0507	0.0234	0.0244	7.31	15.87	15.18	0.00	-0.33	-0.35	0.0
13168	139.7	560.9	257.2	-155.3	335.4	-650.4	0.0508	0.0233	0.0244	23.28	50.70	48.42	0.00	-1.08	-1.51	0.0
13169	210.0	420.9	8.6	-109.8	304.4	353.3	0.0508	0.0233	0.0244	12.48	27.18	25.96	0.00	-0.26	-1.00	0.0
13170	151.3	298.3	-6.6	-81.6	79.4	102.9	0.0507	0.0234	0.0244	6.85	14.86	14.22	0.00	-0.17	-0.43	0.0
13171	145.4	294.0	-6.4	-72.9	78.1	-105.8	0.0507	0.0234	0.0244	7.25	15.72	15.05	0.00	-0.25	-0.42	0.0
13172	195.2	420.2	7.6	92.9	300.4	-354.9	0.0508	0.0233	0.0244	12.57	27.38	26.15	0.00	-0.29	-1.00	0.0
13173	246.3	341.3	-177.1	-90.7	290.7	277.6	0.0508	0.0233	0.0244	9.28	20.22	19.31	0.00	-0.10	-0.90	0.0
13174	256.5	312.1	-66.7	-54.8	133.8	70.5	0.0507	0.0234	0.0244	6.82	14.80	14.16	0.00	-0.06	-0.48	0.0
13175	251.9	313.6	-65.5	-45.7	132.6	-71.2	0.0507	0.0234	0.0244	7.44	16.14	15.44	0.00	-0.13	-0.50	0.0
13176	238.9	346.6	-171.8	76.1	285.2	-274.1	0.0508	0.0233	0.0244	9.42	20.53	19.60	0.00	-0.12	-0.90	0.0
13177	253.1	247.4	-340.1	-99.9	345.5	235.6	0.0508	0.0233	0.0244	8.11	17.68	16.88	0.00	-0.09	-0.99	0.0
13178	300.2	302.4	-127.5	-23.4	247.7	55.4	0.0507	0.0234	0.0244	8.15	17.69	16.93	0.00	-0.10	-0.66	0.0
13179	297.7	304.2	-125.9	-20.2	246.3	-52.9	0.0507	0.0234	0.0244	8.37	18.16	17.37	0.00	-0.13	-0.67	0.0
13180	250.6	254.7	-328.5	83.8	338.1	-226.9	0.0508	0.0233	0.0244	8.06	17.58	16.78	0.00	-0.09	-0.97	0.0
13181	207.4	115.8	-543.4	-67.4	581.9	158.4	0.0509	0.0233	0.0244	10.33	22.52	21.49	0.00	-0.38	-1.41	0.0
13182	246.6	163.6	-359.4	-35.9	639.9	59.3	0.0507	0.0234	0.0244	12.84	27.87	26.66	0.00	-0.48	-1.42	0.0
13183	247.6	165.1	-354.2	-38.5	635.9	62.4	0.0507	0.0234	0.0244	12.81	27.81	26.61	0.00	-0.48	-1.41	0.0
13184	209.6	122.1	-522.1	-58.7	570.3	-142.9	0.0509	0.0233	0.0244	10.91	23.80	22.71	0.00	-0.46	-1.40	0.0
13185	144.5	486.5	198.6	-105.9	411.0	535.3	0.0508	0.0233	0.0244	18.47	40.22	38.41	0.00	-0.58	-1.41	0.0
13186	-9.5	473.8	147.7	-22.2	96.6	182.9	0.0507	0.0234	0.0244	10.97	23.80	22.77	0.00	-0.42	-0.63	0.0
13187	-9.3	471.9	149.3	18.3	95.5	-180.1	0.0507	0.0234	0.0244	10.91	23.66	22.64	0.00	-0.42	-0.63	0.0
13188	138.4	484.6	208.5	100.1	414.7	-522.5	0.0508	0.0233	0.0244	18.35	39.96	38.17	0.00	-0.58	-1.39	0.0
13205	298.4	579.7	113.9	-194.2	393.7	-462.1	0.0508	0.0233	0.0244	20.81	45.32	43.28	0.00	-0.84	-1.35	0.0
13206	4.3	416.4	18.3	-12.8	132.1	115.0	0.0507	0.0234	0.0244	8.84	19.18	18.35	0.00	-0.32	-0.58	0.0
13207	4.5	416.5	24.3	11.9	131.4	118.3	0.0507	0.0234	0.0244	8.96	19.44	18.60	0.00	-0.34	-0.58	0.0
13208	299.6	578.2	132.9	194.4	399.0	476.8	0.0508	0.0233	0.0244	21.19	46.14	44.06	0.00	-0.86	-1.36	0.0
13225	477.9	624.7	92.3	-344.4	354.6	-406.5	0.0508	0.0233	0.0244	23.07	50.24	47.98	0.00	-0.97	-1.35	0.0
13226	-40.4	359.9	-119.6	9.3	144.3	-100.5	0.0507	0.0234	0.0244	7.51	16.30	15.60	0.00	-0.32	-0.62	0.0
13227	-40.9	359.9	-112.8	-9.1	143.9	108.2	0.0507	0.0234	0.0244	7.58	16.45	15.74	0.00	-0.32	-0.62	0.0
13228	486.4	628.2	115.6	350.8	359.3	417.9	0.0508	0.0233	0.0244	23.54	51.25	48.95	0.00	-1.00	-1.36	0.0
13245	1187.3	712.0	387.1	-310.0	-418.2	-313.3	0.0508	0.0233	0.0244	27.80	60.53	57.81	0.00	-0.51	-1.44	0.0
13246	695.6	516.8	196.5	57.8	-423.2	-77.9	0.0507	0.0234	0.0244	18.83	40.86	39.09	0.00	-0.45	-1.00	0.0
13247	693.8	516.8	203.6	40.6	-422.4	69.2	0.0507	0.0234	0.0244	18.47	40.07	38.35	0.00	-0.41	-0.99	0.0
13248	1195.9	715.3	412.8	334.9	-411.0	310.0	0.0508	0.0233	0.0244	28.18	61.37	58.61	0.00	-0.53	-1.44	0.0
13325	-187.4	-4.1	-829.6	-84.6	-383.8	-115.7	0.0062	0.0155	0.0127	5.39	2.16	2.63	0.00	-0.06	-1.06	0.0
13326	-183.2	-1.8	-811.7	-72.4	-378.0	109.1	0.0061	0.0155	0.0127	18.21	7.10	8.68	0.00	-0.22	-1.10	0.0
13327	-178.2	0.0	-796.0	69.0	-372.4	123.0	0.0061	0.0155	0.0127	3.91	1.53	1.86	0.00	-0.03	-1.01	0.0
13328	-172.4	1.3	-782.7	80.3	-367.0	136.2	0.0062	0.0155	0.0127	5.33	2.13	2.60	0.00	-0.04	-1.01	0.0
13585	-260.5	21.1	-469.8	-123.3	-605.0	-96.9	0.0062	0.0155	0.0127	41.04	16.40	19.95	0.00	-0.21	-1.26	0.0
13586	-255.4	23.1	-459.2	-103.9	-598.8	-71.7	0.0061	0.0155	0.0127	42.13	16.43	20.07	0.00	-0.22	-1.23	0.0
13587	-248.7	24.9	-450.0	91.4	-590.8	80.5	0.0061	0.0155	0.0127	41.53	16.19	19.78	0.00	-0.21	-1.21	0.0
13588	-240.4	26.5	-442.1	109.6	-580.9	104.1	0.0062	0.0155	0.0127	40.42	16.15	19.65	0.00	-0.20	-1.20	0.0
13589	-78.8	87.4	-123.1	-75.0	-225.0	-41.6	0.0062	0.0155	0.0127	23.24	9.26	11.28	0.00	-0.06	-0.49	0.0
13590	-77.8	86.1	-120.8	-63.1	-222.8	-32.9	0.0061	0.0155	0.0127	22.91	8.93	10.91	0.00	-0.06	-0.47	0.0
13591	-75.6	86.3	-118.7	-51.4	-220.0	34.5	0.0061	0.0155	0.0127	27.97	10.90	13.32	0.00	-0.13	-0.49	0.0
13592	-72.0	88.1	-116.9	58.8	-216.5	42.6	0.0062	0.0155	0.0127	21.17	8.44	10.27	0.00	-0.04	-0.45	0.0
13593	-5.0	119.1	-61.1	-45.8	-79.0	-24.9	0.0062	0.0155	0.0127	21.79	8.67	10.56	0.00	-0.09	-0.26	0.0
13594	-5.7	119.1	-60.0	-38.4	-78.3	-22.4	0.0061	0.0155	0.0127	21.47	8.37	10.22	0.00	-0.08	-0.25	0.0
13595	-5.4	118.9	-59.1	-31.1	-77.4	20.0	0.0061	0.0155	0.0127	22.30	8.69	10.62	0.00	-0.10	-0.25	0.0
13596	-4.0	118.5	-58.3	30.5	-76.4	22.3	0.0062	0.0155	0.0127	20.42	8.13	9.90	0.00	-0.08	-0.24	0.0
13597	13.1	137.3	-30.0	-27.3	12.5	-17.9	0.0061	0.0155	0.0127	23.63	9.39	11.44	0.00	-0.14	-0.18	0.0
13598	12.0	136.9	-29.6	-21.4	12.4	-18.0	0.0061	0.0155	0.0127	23.60	9.19	11.23	0.00	-0.13	-0.18	0.0
13599	11.7	136.3	-29.2	-15.8	12.4	-18.0	0.0061	0.0155	0.0127	23.22	9.05	11.05	0.00	-0.13	-0.17	0.0
13600	12.2	135.4	-28.8	15.6	12.4	-18.0	0.0061	0.0155	0.0127	22.59	8.97	10.93	0.00	-0.12	-0.17	0.0
13601	6.5	146.9	-2.3	-14.5	17.1	-16.1	0.0061	0.0155	0.0127	24.49	9.71	11.84	0.00	-0.13	-0.17	0.0
13602	5.7	146.1	-2.4	-8.6	16.5	-16.5	0.0061	0.0155	0.0127	24.58	9.58	11.70	0.00	-0.13	-0.16	0.0
13603	5.5	145.0	-2.4	3.7	16.1	-17.0	0.0061	0.0155	0.0127	24.29	9.46	11.56	0.00	-0.13	-0.16	0.0
13604	5.9	143.5	-2.5	9.3	15.9	-17.7	0.0061	0.0155	0.0127	23.77	9.43	11.49	0.00	-0.13	-0.16	0.0
13621	-6.5	186.6	-30.4	-16.3	-26.4	-47.8	0.0061	0.0155	0.0127	32.11	12.73	15.52	0.00	-0.19	-0.25	0.0
13622	-7.0	185.4	-29.9	-7.6	-26.1	-47.0	0.0061	0.0155	0.0127	32.27	12.57	15.36	0.00	-0.19	-0.25	0.0
13623	-6.8	183.6	-29.4	8.3	-26.3	-46.4	0.0061	0.0155	0.0127	32.09	12.50	15.28	0.00	-0.19	-0.25	0.0
13624	-6.0	181.1	-29.2	16.6	-26.9	-46.0	0.0061	0.0155	0.0127	31.45	12.47	15.20	0.00	-0.19	-0.24	0.0
13641	-3.5	203.7	-111.3	-15.3	-62.4	-73.4	0.0061	0.0155	0.0127	35.82	14.21	17.31	0.00	-0.20	-0.37	0.0
13642	-4.0	202.1	-109.1	-6.0	-61.7	-71.4	0.0061	0.0155	0.0127	36.02	14.03	17.15	0.00	-0.20	-0.37	0.0
13643	-3.8	200.1	-107.2	8.2	-61.5	-69.6	0.0061	0.0155	0.0127	35.90	13.98	17.09	0.00	-0.20	-0.36	0.0
13644	-3.0	197.8	-105.6	17.1	-61.8	-67.9	0.0061	0.0155	0.0127	35.25	13.98	17.04	0.00	-0.20	-0.36	0.0
13661	0.5	202.0	-225.8	-14.1	-66.3	-92.8	0.0061	0.0155	0.0127	36.02	14.29	17.41	0.00	-0.20	-0.48	0.0
13662	-0.1	200.0	-221.5	-4.9	-65.2	-91.0	0.0061	0.0155	0.0127	36.22	14.11	17.25	0.00	-0.20	-0.48	0.0
13663	0.0	198.2	-217.7	7.2	-64.9	-89.1	0.0061	0.0155	0.0127	36.10	14.06	17.19	0.00	-0.20	-0.47	0.0
13664	0.8	196.5	-214.4	16.1	-65.5	-87.2	0.0061	0.0155	0.0127	35.53	14.09	17.17	0.00	-0.21	-0.47	0.0
13681	1.0	194.0	-344.2	-13.5	-58.1	-110.1	0.0061	0.0155	0.0127	35.11	13.93	16.97	0.00	-0.21	-0.59	0.0
13682	0.4	191.8	-337.9	-4.6	-56.4	-109.1	0.0061	0.0155	0.0127	35.30	13.75	16.81	0.00	-0.20	-0.58	0.0
13683	0.5	190.2	-332.4	6.6	-56.2	-107.7	0.0061	0.0155	0.0127	35.20	13.71	16.76	0.00	-0.21	-0.57	0.0
13684	1.2	189.1	-327.5	15.2	-57.5	-105.9	0.0061	0.0155	0.0127	34.73	13.77	16.78	0.00	-0.21	-0.57	0.0
13685	129.0	51.4	-843.8	-66.0	351.5	94.6	0.0511	0.0154	0.0244	4.87	16.20	10.18	0.00	-0.19	-1.22	0.0
13686	133.7	47.0	-845.8	-68.5	344.3	150.0	0.0513	0.0153	0.0244	4.78	16.05	10.02	0.00	-0.17	-1.23	0.0
13845	268.7	385.7	292.4	32.8	816.1	-212.9	0.0510	0.0233	0.0244	21.98	48.12	45.83	0.00	-0.73	-1.69	0.0
13846	289.5	380.1	266.0	-51.3	809.0	204.0	0.0511	0.0232	0.0244	21.59	47.52	45.13	0.00	-0.70	-1.67	0.0
13847	235.4	417.1	-54.7	35.3	533.1	-144.7	0.0510	0.0233	0.0244	12.92	28.32	26.96	0.00	-0.24	-1.14	0.0
13848	236.4	412.3	-77.2	-59.0	523.5	159.8	0.0511	0.0232	0.0244	12.48	27.49	26.09	0.00	-0.21	-1.13	0.0
13849	209.8	299.8	-363.7	46.8	460.8	-120.7	0.0510	0.0233	0.0244	9.17	20.12	19.14	0.00	-0.15	-1.11	0.0
13850	199.5	283.1	-387.9	-74.6	453.6	130.7	0.0511	0.0232	0.0244	8.73	19.25	18.26	0.00	-0.14	-1.10	0.0
13851	193.2	196.7	-606.1	45.5	466.1	-100.0	0.0510	0.0232	0.0244	7.99	17.54	16.68	0.00	-0.20	-1.24	0.0
13852	184.2	184.8	-621.5	-82.2	452.8	126.3	0.0512	0.0232	0.0244	7.63	16.85	15.97	0.00	-0.19	-1.24	0.0
13853	164.1	91.2	-735.0	-67.7	500.0	-63.4	0.0510	0.0232	0.0244	8.05	17.69	16.82	0.00	-0.34	-1.37	0.0
13854	167.0	86.6	-746.8	-80.8	483.9	142.2	0.0512	0.0153	0.0244	7.36	24.64	15.42	0.00	-0.27	-1.36	0.0
13855	279.1	366.2	212.1	64.8	804.6	-205.9	0.0510	0.0233	0.0244	20.89	45.74	43.56	0.00	-0.67	-1.66	0.0
13856	291.8	381.6	218.0	-96.3	788.9	-248.3	0.0511	0.0232	0.0244	22.00	48.42	45.98	0.00	-0.81	-1.67	0.0
13865	681.8	430.1	207.1	107.9	753.8	172.7	0.0510	0.0233	0.0244	25.06	54.88	52.26	0.00	-0.88	-1.63	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
13866	791.7	458.3	223.3	-162.9	730.6	-231.0	0.0511	0.0232	0.0244	26.80	58.98	56.02	0.00	-0.97	-1.66	0.0
13875	1269.3	474.4	309.1	185.1	634.1	160.4	0.0510	0.0233	0.0244	32.05	70.18	66.83	0.00	-1.20	-1.65	0.0
13876	1423.6	531.2	323.4	-252.2	-610.0	204.1	0.0511	0.0232	0.0244	34.73	76.44	72.60	0.00	-1.31	-1.74	0.0
13885	1992.6	554.6	596.7	166.6	-573.7	155.7	0.0510	0.0233	0.0244	43.27	94.74	90.22	0.00	-1.52	-1.95	0.0
13886	2116.4	591.4	586.5	-343.9	-576.5	185.6	0.0511	0.0232	0.0244	46.82	103.05	97.87	0.00	-1.85	-2.03	0.0
13925	-167.4	1.8	-773.7	88.7	-362.8	145.8	0.0064	0.0154	0.0127	6.28	2.61	3.16	0.00	-0.05	-1.01	0.0
13926	-163.5	2.2	-768.3	94.3	-360.0	152.4	0.0066	0.0153	0.0127	6.88	2.97	3.56	0.00	-0.05	-1.01	0.0
14055	-233.2	26.7	-437.0	122.8	-572.1	121.6	0.0064	0.0154	0.0127	38.88	16.08	19.46	0.00	-0.19	-1.19	0.0
14056	-227.4	27.3	-433.9	131.8	-565.1	133.8	0.0065	0.0153	0.0127	37.53	16.03	19.29	0.00	-0.18	-1.19	0.0
14057	-68.6	87.9	-116.0	67.0	-213.4	48.3	0.0063	0.0154	0.0127	20.97	8.63	10.45	0.00	-0.04	-0.46	0.0
14058	-65.7	88.6	-115.4	72.7	-211.1	52.2	0.0065	0.0153	0.0127	20.82	8.83	10.64	0.00	-0.04	-0.46	0.0
14059	-2.5	116.6	-58.0	35.8	-75.5	23.7	0.0063	0.0154	0.0127	20.05	8.22	9.96	0.00	-0.08	-0.24	0.0
14060	-1.0	115.9	-57.7	39.7	-74.8	24.6	0.0065	0.0153	0.0127	19.84	8.36	10.08	0.00	-0.08	-0.25	0.0
14061	12.9	133.4	-28.8	20.0	12.6	-18.1	0.0063	0.0154	0.0127	21.95	8.96	10.87	0.00	-0.12	-0.17	0.0
14062	13.9	132.5	-28.7	23.2	12.7	-18.3	0.0064	0.0153	0.0127	21.52	9.02	10.88	0.00	-0.12	-0.17	0.0
14063	6.3	141.0	-2.7	13.7	15.9	-18.4	0.0063	0.0154	0.0127	22.99	9.36	11.35	0.00	-0.13	-0.16	0.0
14064	7.1	139.7	-2.8	16.9	16.1	-19.1	0.0064	0.0154	0.0127	22.46	9.36	11.31	0.00	-0.12	-0.16	0.0
14073	-5.0	179.3	-29.1	23.0	-27.6	-45.6	0.0063	0.0154	0.0127	30.75	12.51	15.18	0.00	-0.19	-0.24	0.0
14074	-3.9	177.7	-28.9	27.7	-28.2	-45.3	0.0064	0.0154	0.0127	30.12	12.56	15.17	0.00	-0.19	-0.24	0.0
14083	-2.0	196.0	-104.5	24.1	-62.3	-66.4	0.0063	0.0154	0.0127	34.49	14.04	17.03	0.00	-0.20	-0.36	0.0
14084	-0.8	194.7	-103.8	29.2	-62.9	-65.5	0.0064	0.0154	0.0127	33.85	14.11	17.05	0.00	-0.20	-0.36	0.0
14093	1.8	195.3	-212.2	23.0	-66.5	-85.5	0.0063	0.0154	0.0127	34.83	14.18	17.20	0.00	-0.21	-0.46	0.0
14094	3.0	194.4	-210.9	28.0	-67.5	-84.5	0.0064	0.0154	0.0127	34.25	14.28	17.25	0.00	-0.21	-0.46	0.0
14103	2.2	188.5	-324.3	21.9	-59.3	-104.1	0.0063	0.0154	0.0127	34.11	13.88	16.84	0.00	-0.21	-0.57	0.0
14104	3.3	188.1	-322.3	26.8	-61.1	-103.0	0.0064	0.0154	0.0127	33.60	14.01	16.92	0.00	-0.21	-0.57	0.0
14120	142.9	60.8	-795.1	-78.6	349.8	204.6	0.0516	0.0151	0.0244	5.03	17.20	10.62	0.00	-0.15	-1.22	0.0
14136	157.5	83.8	-761.0	-89.8	356.2	198.2	0.0522	0.0148	0.0244	5.41	19.06	11.55	0.00	-0.15	-1.21	0.0
14152	167.0	86.9	-775.7	-109.4	349.6	196.0	0.0529	0.0145	0.0244	5.55	20.30	12.01	0.00	-0.17	-1.23	0.0
14168	168.6	61.6	-816.5	-138.3	333.2	186.2	0.0537	0.0140	0.0244	5.60	21.42	12.31	0.00	-0.22	-1.27	0.0
14425	214.6	107.2	-539.8	-118.5	530.7	265.7	0.0515	0.0151	0.0244	9.50	32.33	20.02	0.00	-0.30	-1.39	0.0
14426	238.9	216.1	-341.4	-130.2	305.9	286.8	0.0515	0.0230	0.0244	7.22	16.13	15.20	0.00	-0.03	-0.97	0.0
14427	226.1	299.3	-202.3	-123.0	262.9	307.4	0.0514	0.0230	0.0244	8.66	19.32	18.22	0.00	-0.10	-0.91	0.0
14428	205.9	401.5	-25.3	-117.3	279.7	364.6	0.0514	0.0231	0.0244	11.98	26.66	25.17	0.00	-0.26	-1.00	0.0
14429	167.3	548.4	221.7	-152.1	360.9	605.5	0.0513	0.0231	0.0244	19.98	44.39	41.96	0.00	-0.64	-1.50	0.0
14430	263.8	163.2	-369.6	-118.6	574.1	170.1	0.0520	0.0149	0.0244	11.59	40.57	24.69	0.00	-0.39	-1.36	0.0
14431	306.4	281.2	-120.9	-68.9	211.8	85.5	0.0519	0.0228	0.0244	7.76	17.69	16.49	0.00	-0.11	-0.63	0.0
14432	258.1	283.6	-66.2	-76.7	110.9	82.0	0.0518	0.0228	0.0244	6.73	15.29	14.28	0.00	-0.10	-0.47	0.0
14433	163.2	270.2	-14.5	-98.9	65.5	107.4	0.0518	0.0229	0.0244	6.58	14.89	13.94	0.00	-0.17	-0.43	0.0
14434	56.6	305.1	62.1	-72.1	-28.2	139.1	0.0517	0.0229	0.0244	7.48	16.87	15.81	0.00	-0.35	-0.39	0.0
14435	279.8	179.4	-390.7	-125.6	549.5	167.8	0.0527	0.0146	0.0244	11.20	40.55	24.15	0.00	-0.37	-1.34	0.0
14436	328.9	299.7	-131.8	-64.9	216.4	54.0	0.0525	0.0225	0.0244	8.15	19.05	17.53	0.00	-0.13	-0.66	0.0
14437	280.8	305.1	-55.1	-91.5	122.0	-47.6	0.0524	0.0226	0.0244	7.92	18.40	16.99	0.00	-0.20	-0.51	0.0
14438	161.7	282.9	4.3	-121.1	79.4	-82.3	0.0523	0.0226	0.0244	7.47	17.26	15.97	0.00	-0.30	-0.42	0.0
14439	40.9	296.2	75.9	-92.0	-38.1	-59.6	0.0522	0.0227	0.0244	6.40	14.73	13.67	0.00	-0.23	-0.36	0.0
14440	260.8	148.6	-525.9	-151.8	478.0	100.6	0.0534	0.0142	0.0244	9.59	36.12	20.96	0.00	-0.36	-1.29	0.0
14441	313.7	270.8	-282.0	-74.1	284.6	-134.6	0.0532	0.0143	0.0244	9.29	34.60	20.23	0.00	-0.28	-0.90	0.0
14442	303.8	353.9	-113.6	40.8	239.3	-193.3	0.0530	0.0222	0.0244	8.56	20.40	18.57	0.00	-0.08	-0.73	0.0
14443	241.3	382.5	60.2	-128.0	265.1	-270.2	0.0529	0.0223	0.0244	12.89	30.52	27.88	0.00	-0.50	-0.86	0.0
14444	168.7	500.2	298.9	-243.9	272.4	-546.9	0.0527	0.0224	0.0244	20.81	48.98	44.89	0.00	-1.06	-1.27	0.0
14449	170.1	521.9	201.0	-201.3	434.1	518.8	0.0513	0.0231	0.0244	17.95	39.88	37.69	0.00	-0.44	-1.43	0.0
14454	13.4	466.3	130.8	-135.9	137.0	254.1	0.0517	0.0229	0.0244	11.78	26.57	24.91	0.00	-0.42	-0.79	0.0
14459	16.6	423.9	158.1	-98.5	84.6	-83.9	0.0522	0.0227	0.0244	9.18	21.13	19.60	0.00	-0.33	-0.51	0.0
14464	139.4	367.6	224.2	-90.0	367.5	-428.8	0.0527	0.0224	0.0244	16.48	38.78	35.54	0.00	-0.72	-1.16	0.0
14469	427.6	666.1	146.7	-367.3	405.0	-472.3	0.0513	0.0231	0.0244	24.84	55.19	52.16	0.00	-1.11	-1.47	0.0
14474	40.1	461.0	17.6	-147.2	168.2	208.2	0.0517	0.0229	0.0244	10.76	24.28	22.76	0.00	-0.36	-0.79	0.0
14479	37.4	384.8	27.3	-121.1	131.9	66.3	0.0522	0.0227	0.0244	8.14	18.72	17.37	0.00	-0.27	-0.56	0.0
14484	266.1	456.1	125.8	71.0	373.4	342.0	0.0527	0.0224	0.0244	15.47	36.40	33.36	0.00	-0.52	-1.07	0.0
14489	670.1	787.9	124.2	-564.0	352.9	419.1	0.0513	0.0231	0.0244	25.38	56.38	53.29	0.00	-0.62	-1.70	0.0
14494	-14.8	464.5	-130.8	-162.2	172.6	205.7	0.0517	0.0229	0.0244	10.64	24.01	22.50	0.00	-0.44	-0.89	0.0
14499	-18.1	388.0	-127.8	-152.4	143.5	103.0	0.0522	0.0227	0.0244	8.51	19.59	18.17	0.00	-0.37	-0.72	0.0
14504	438.4	537.4	72.8	154.6	344.5	285.0	0.0527	0.0224	0.0244	16.83	39.61	36.30	0.00	-0.55	-1.07	0.0
14509	1353.6	813.5	386.3	-627.9	-425.5	349.4	0.0513	0.0231	0.0244	38.16	84.78	80.12	0.00	-1.54	-1.78	0.0
14514	757.7	578.8	142.5	-277.9	-416.7	203.3	0.0517	0.0229	0.0244	22.55	50.88	47.69	0.00	-0.78	-1.24	0.0
14519	772.2	548.3	96.9	-275.6	-420.3	150.1	0.0522	0.0227	0.0244	21.85	50.28	46.64	0.00	-0.76	-1.24	0.0
14524	1260.0	729.5	260.0	-80.5	-382.6	251.1	0.0527	0.0224	0.0244	27.07	63.70	58.38	0.00	-0.67	-1.37	0.0
14585	-157.4	2.7	-761.6	102.1	-356.2	161.9	0.0069	0.0151	0.0127	7.62	3.50	4.16	0.00	-0.06	-1.02	0.0
14586	-148.9	2.7	-754.5	111.7	-351.1	174.0	0.0075	0.0148	0.0127	8.30	4.21	4.90	0.00	-0.07	-1.02	0.0
14587	-139.5	2.1	-749.1	120.6	-346.2	185.8	0.0082	0.0145	0.0127	8.72	4.95	5.63	0.00	-0.07	-1.03	0.0
14588	-129.5	0.7	-745.3	128.8	-341.5	197.5	0.0090	0.0140	0.0127	8.90	5.72	6.32	0.00	-0.08	-1.03	0.0
14845	-218.1	28.9	-429.8	144.2	-554.2	151.8	0.0068	0.0151	0.0127	35.29	15.96	19.00	0.00	-0.17	-1.18	0.0
14846	-205.1	29.1	-425.6	158.9	-538.8	174.6	0.0074	0.0149	0.0127	32.00	15.84	18.54	0.00	-0.15	-1.16	0.0
14847	-190.8	28.5	-422.6	172.2	-521.8	196.7	0.0080	0.0146	0.0127	28.59	15.71	17.99	0.00	-0.13	-1.14	0.0
14848	-175.5	26.9	-420.5	184.1	-503.5	218.2	0.0087	0.0142	0.0127	25.28	15.59	17.40	0.00	-0.11	-1.12	0.0
14849	-60.5	90.6	-114.3	81.0	-207.1	58.4	0.0068	0.0152	0.0127	20.59	9.21	10.99	0.00	-0.04	-0.46	0.0
14850	-53.0	90.6	-113.4	91.0	-201.6	66.2	0.0073	0.0149	0.0127	20.01	9.73	11.43	0.00	-0.05	-0.46	0.0
14851	-44.4	90.0	-112.9	100.4	-195.7	73.7	0.0078	0.0146	0.0127	19.32	10.36	11.92	0.00	-0.06	-0.47	0.0
14852	-34.5	88.5	-112.6	109.2	-189.0	81.0	0.0085	0.0143	0.0127	18.54	11.08	12.45	0.00	-0.06	-0.47	0.0
14853	2.1	116.3	-57.1	45.3	-73.5	26.3	0.0067	0.0152	0.0127	19.64	8.69	10.39	0.00	-0.09	-0.25	0.0
14854	6.7	114.5	-56.6	52.4	-71.9	28.3	0.0072	0.0150	0.0127	18.95	9.07	10.68	0.00	-0.09	-0.25	0.0
14855	12.3	112.3	-56.4	59.3	-70.1	30.1	0.0077	0.0147	0.0127	18.15	9.52	11.01	0.00	-0.10	-0.25	0.0
14856	19.1	109.5	-56.2	65.9	-68.1	31.7	0.0083	0.0144	0.0127	17.29	10.04	11.36	0.00	-0.10	-0.26	0.0
14857	15.9	132.3	-28.3	27.9	13.0	-18.4	0.0067	0.0152	0.0127	20.97	9.20	11.01	0.00	-0.12	-0.18	0.0
14858	19.1	130.2	-28.1	34.0	13.5	-18.4	0.0071	0.0150	0.0127	19.90	9.39	11.09	0.00	-0.12	-0.18	0.0
14859	23.1	127.7	-28.0	40.2	13.9	-18.4	0.0076	0.0148	0.0127	18.76	9.64	11.20	0.00	-0.13	-0.18	0.0
14860	28.0	124.7	-28.0	46.2	14.5	-18.6	0.0082	0.0145	0.0127	17.61	9.96	11.33	0.00	-0.13	-0.18	0.0
14861	8.6	138.8	-2.6	21.7	16.5	-19.8	0.0066	0.0152	0.0127	21.77	9.47	11.36	0.00	-0.12	-0.16	0.0
14862	10.8	135.9	-2.6	27.7	16.8	-20.9	0.0070	0.0151	0.0127	20.51	9.55	11.31	0.00	-0.12	-0.16	0.0
14863	13.8	132.7	-2.7	33.6	17.3	-22.0	0.0075	0.0148	0.0127	19.20	9.69	11.30	0.00	-0.12	-0.17	0.0
14864	17.6	129.2	-2.8	39.5	17.7	-23.0	0.0080	0.0145	0.0127	17.91	9.88	11.31	0.00	-0.12	-0.17	0.0
14881	-2.0	174.7	-28.7	34.4	-29.2	-45.2	0.0066	0.0152	0.0127	29.03	12.63	15.15	0.00	-0.19	-0.24	0.0
14882	0.9	170.8	-28.5	42.8	-30.8	-45.2	0.0070	0.0151	0.0127	27.52	12.82	15.18	0.00	-0.19	-0.24	0.0
14883	4.7	166.5	-28.5	51.0	-32.6	-45.4	0.0075	0.0148	0.0127	25.92	13.08	15.25	0.00	-0.20	-0.24	0.0
14884	9.4	161.7	-28.8	59.1	-34.6	-45.6	0.0080	0.0145	0.0127	24.31	13.42	15.36	0.00	-0.20	-0.24	0.0
14901	1.3	192.3	-103.0	36.5	-63.9	-64.4	0.0066	0.0152	0.0127	32.76	14.25	17.09	0.00	-0.20	-0.36	0.0
14902	4.6	188.9	-102.3	45.6	-65.5	-62.9	0.0070	0.0151	0.0127	31.15	14.50	17.18	0.00	-0.21	-0.36	0.0
14903	8.9	185.1	-101.9	54.6	-67.3	-61.6	0.0075	0.0148	0.0127	29.43	14.85	17.31	0.00	-0.21	-0.36	0.0
14904	14.2	180.9	-101.9	63.4	-69.3	62.5	0.0080	0.0145	0.0127	25.82	14.25	16.31	0.00	-0.17	-0.36	0.0
14921	5.1	192.9	-209.2	35.2	-69.1	-83.1	0.0066	0.0152	0.0127	33.27	14.47	17.35	0.00	-0.21	-0.46	0.0
14922	8.5	190.7	-207.7	44.3	-71.5	-81.1	0.0070	0.0151	0.0127	31.75	14.78	17.51	0.00	-0.21	-0.46	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
14923	13.0	188.0	-206.8	53.4	-74.1	81.4	0.0075	0.0148	0.0127	28.35	14.30	16.68	0.00	-0.18	-0.46	0.0
14924	18.4	184.6	-206.5	62.3	-76.9	82.3	0.0080	0.0145	0.0127	26.54	14.65	16.76	0.00	-0.18	-0.47	0.0
14941	5.4	187.4	-320.0	33.9	-63.7	-101.7	0.0066	0.0152	0.0127	32.74	14.24	17.08	0.00	-0.21	-0.57	0.0
14942	8.7	186.1	-317.7	43.0	-67.3	-99.5	0.0070	0.0151	0.0127	31.35	14.60	17.29	0.00	-0.22	-0.57	0.0
14943	13.1	184.3	-316.4	52.0	-71.1	97.7	0.0075	0.0148	0.0127	28.15	14.20	16.56	0.00	-0.19	-0.56	0.0
14944	18.3	181.6	-316.0	60.9	-74.8	97.4	0.0080	0.0145	0.0127	26.38	14.56	16.66	0.00	-0.19	-0.57	0.0
14960	176.3	22.7	-866.8	-162.4	311.0	191.3	0.0544	0.0137	0.0244	5.66	22.49	12.60	0.00	-0.28	-1.31	0.0
14976	176.7	7.9	-897.9	-190.7	301.1	254.0	0.0550	0.0134	0.0244	5.74	23.53	12.91	0.00	-0.29	-1.37	0.0
15105	227.8	92.1	-712.1	-166.3	401.9	60.6	0.0541	0.0139	0.0244	7.98	31.15	17.66	0.00	-0.38	-1.31	0.0
15106	259.2	182.4	-529.3	-104.4	367.4	-88.0	0.0538	0.0140	0.0244	8.62	33.17	18.98	0.00	-0.34	-1.14	0.0
15107	276.7	275.5	-283.7	-50.9	358.7	-132.0	0.0536	0.0220	0.0244	9.36	22.84	20.52	0.00	-0.26	-0.97	0.0
15108	287.6	357.8	11.2	-48.5	429.6	-149.1	0.0534	0.0221	0.0244	12.30	29.76	26.86	0.00	-0.34	-0.97	0.0
15109	309.9	328.6	353.4	-61.5	681.3	-195.4	0.0532	0.0222	0.0244	19.92	47.83	43.36	0.00	-0.76	-1.42	0.0
15110	219.7	74.0	-771.6	-203.1	364.0	217.0	0.0546	0.0136	0.0244	7.29	29.27	16.28	0.00	-0.31	-1.36	0.0
15111	224.0	154.2	-587.8	-142.0	328.7	142.1	0.0543	0.0137	0.0244	6.98	27.56	15.50	0.00	-0.23	-1.12	0.0
15112	240.0	236.9	-355.0	-83.0	331.1	112.1	0.0540	0.0217	0.0244	7.30	18.14	16.13	0.00	-0.14	-0.92	0.0
15113	273.5	338.5	-64.8	-72.6	396.9	130.4	0.0538	0.0219	0.0244	9.97	24.55	21.95	0.00	-0.17	-0.90	0.0
15114	321.9	304.8	250.2	-67.2	639.5	-255.4	0.0536	0.0220	0.0244	18.67	45.55	40.94	0.00	-0.74	-1.38	0.0
15119	283.1	327.5	242.0	-48.9	708.4	-156.7	0.0532	0.0222	0.0244	18.84	45.24	41.01	0.00	-0.70	-1.46	0.0
15124	334.3	361.6	246.0	-127.9	668.0	-339.3	0.0536	0.0220	0.0244	20.63	50.32	45.23	0.00	-0.85	-1.52	0.0
15129	714.8	442.6	227.0	56.7	681.5	-83.1	0.0532	0.0222	0.0244	22.46	53.93	48.89	0.00	-0.74	-1.46	0.0
15134	975.8	507.4	262.7	-218.1	634.8	-357.1	0.0536	0.0220	0.0244	27.80	67.81	60.94	0.00	-1.06	-1.66	0.0
15139	1339.4	565.2	295.5	120.5	583.2	-72.0	0.0532	0.0222	0.0244	30.20	72.51	65.73	0.00	-1.02	-1.60	0.0
15144	1734.2	702.2	350.8	-349.8	-551.2	-348.3	0.0536	0.0220	0.0244	36.71	89.56	80.49	0.00	-1.05	-2.06	0.0
15149	2252.9	782.4	461.3	-77.5	-532.4	87.6	0.0532	0.0222	0.0244	45.21	108.57	98.42	0.00	-1.62	-2.10	0.0
15154	2642.9	952.4	470.5	-595.8	-523.2	-320.9	0.0536	0.0220	0.0244	54.15	132.09	118.72	0.00	-1.83	-2.81	0.0
15155	-121.2	-1.1	-743.1	135.0	-337.8	207.1	0.0097	0.0137	0.0127	8.93	6.36	6.85	0.00	-0.09	-1.04	0.0
15171	-115.1	-2.6	-741.7	139.6	-336.1	215.0	0.0103	0.0134	0.0127	8.93	6.86	7.24	0.00	-0.09	-1.05	0.0
15315	20.9	125.1	-3.1	43.7	18.1	-24.4	0.0085	0.0143	0.0127	16.79	10.00	11.25	0.00	-0.12	-0.17	0.0
15316	32.4	120.6	-28.3	50.7	15.0	-19.2	0.0087	0.0142	0.0127	16.60	10.17	11.37	0.00	-0.13	-0.18	0.0
15317	24.8	105.5	-56.5	70.8	-66.6	32.3	0.0089	0.0141	0.0127	16.48	10.42	11.56	0.00	-0.11	-0.26	0.0
15318	-26.2	85.3	-112.9	115.4	-183.6	85.7	0.0091	0.0140	0.0127	17.81	11.65	12.81	0.00	-0.07	-0.47	0.0
15319	-162.8	23.7	-419.7	192.3	-488.3	233.9	0.0094	0.0139	0.0127	22.81	15.49	16.88	0.00	-0.09	-1.11	0.0
15320	24.2	122.2	-3.1	46.9	19.2	-25.6	0.0089	0.0141	0.0127	16.08	10.14	11.25	0.00	-0.12	-0.17	0.0
15321	36.1	118.0	-28.4	54.2	15.5	-19.5	0.0091	0.0140	0.0127	15.98	10.40	11.46	0.00	-0.13	-0.19	0.0
15322	29.4	103.1	-56.6	74.5	-65.5	32.7	0.0094	0.0139	0.0127	15.99	10.78	11.77	0.00	-0.11	-0.26	0.0
15323	-19.7	83.3	-113.6	119.8	-180.0	89.1	0.0096	0.0137	0.0127	17.34	12.14	13.13	0.00	-0.08	-0.47	0.0
15324	-152.5	21.4	-419.3	197.9	-475.6	245.7	0.0099	0.0136	0.0127	21.06	15.38	16.45	0.00	-0.08	-1.10	0.0
15325	13.7	158.3	-29.1	64.7	-36.2	-46.1	0.0085	0.0143	0.0127	23.14	13.78	15.50	0.00	-0.20	-0.25	0.0
15330	18.1	156.1	-29.1	68.6	-37.0	-46.2	0.0089	0.0141	0.0127	22.34	14.08	15.63	0.00	-0.20	-0.25	0.0
15335	19.0	177.5	-102.2	69.6	-70.9	62.7	0.0085	0.0143	0.0127	24.41	14.54	16.35	0.00	-0.16	-0.37	0.0
15340	23.9	174.9	-102.5	73.9	-71.9	62.8	0.0089	0.0141	0.0127	23.45	14.78	16.41	0.00	-0.16	-0.37	0.0
15345	23.3	181.4	-206.8	68.6	-79.1	82.1	0.0085	0.0143	0.0127	25.09	14.94	16.81	0.00	-0.18	-0.47	0.0
15350	28.2	179.1	-207.2	73.1	-80.7	81.8	0.0089	0.0141	0.0127	24.10	15.19	16.86	0.00	-0.17	-0.47	0.0
15355	23.1	178.8	-316.4	67.3	-77.8	96.3	0.0085	0.0143	0.0127	24.93	14.84	16.70	0.00	-0.18	-0.57	0.0
15360	27.9	176.5	-317.0	71.7	-80.0	95.5	0.0089	0.0141	0.0127	23.92	15.08	16.74	0.00	-0.18	-0.57	0.0
15373	537.0	149.0	-901.6	-223.8	190.9	249.8	0.0143	0.0114	0.0244	45.05	56.27	26.30	0.00	-0.51	-1.64	0.0
15442	551.5	157.8	-865.3	-241.3	221.7	253.7	0.0138	0.0116	0.0244	48.62	57.73	27.51	0.00	-0.53	-1.65	0.0
15451	493.8	152.2	-856.8	-229.3	210.0	256.3	0.0143	0.0112	0.0127	42.80	54.73	48.24	0.00	-0.47	-1.58	0.0
15460	428.5	128.3	-944.0	-167.8	156.2	251.2	0.0143	0.0114	0.0244	35.38	44.20	20.66	0.00	-0.37	-1.53	0.0
15529	438.9	139.8	-899.2	-183.0	185.7	257.6	0.0138	0.0116	0.0244	38.22	45.38	21.62	0.00	-0.38	-1.52	0.0
15538	392.5	134.3	-893.7	-173.7	181.1	260.4	0.0143	0.0112	0.0127	33.62	42.99	37.89	0.00	-0.34	-1.47	0.0
15547	281.8	96.8	-991.6	-111.7	132.3	246.9	0.0143	0.0114	0.0244	23.45	29.29	13.69	0.00	-0.22	-1.40	0.0
15616	287.7	111.7	-943.5	-120.0	164.4	257.4	0.0138	0.0116	0.0244	25.27	30.01	14.30	0.00	-0.21	-1.38	0.0
15625	257.1	105.5	-941.6	-114.6	163.6	260.7	0.0143	0.0112	0.0127	22.28	28.49	25.11	0.00	-0.19	-1.35	0.0
15634	137.3	41.9	-1039.3	-111.4	124.0	238.6	0.0143	0.0114	0.0244	14.83	18.53	8.66	0.00	-0.18	-1.32	0.0
15703	143.0	57.7	-1003.5	-114.8	155.1	248.7	0.0138	0.0116	0.0244	16.14	19.16	9.13	0.00	-0.16	-1.31	0.0
15712	139.2	50.3	-1005.2	-113.8	156.0	251.2	0.0143	0.0112	0.0127	15.16	19.38	17.08	0.00	-0.16	-1.30	0.0
15721	88.5	-38.7	-1076.8	-159.6	160.6	260.5	0.0143	0.0114	0.0244	13.80	17.24	8.06	0.00	-0.25	-1.37	0.0
15772	69.0	-177.0	-782.6	25.5	-49.5	339.5	0.0266	0.0051	0.0127	2.72	14.23	5.68	0.00	-0.10	-1.01	0.0
15773	68.3	-180.0	-793.7	-22.3	-27.2	345.6	0.0264	0.0052	0.0127	2.96	15.08	6.15	0.00	-0.11	-1.03	0.0
15774	65.5	-180.9	-806.5	-41.8	19.3	351.6	0.0259	0.0054	0.0127	2.93	14.08	5.97	0.00	-0.11	-1.04	0.0
15775	60.9	-179.4	-820.9	-62.0	46.2	357.3	0.0253	0.0057	0.0127	3.14	13.95	6.26	0.00	-0.11	-1.06	0.0
15776	54.7	-175.4	-837.2	-82.5	75.2	362.7	0.0245	0.0061	0.0127	3.45	13.89	6.66	0.00	-0.12	-1.09	0.0
15777	47.2	-168.8	-855.3	-103.3	105.8	367.6	0.0236	0.0066	0.0127	3.90	13.97	7.23	0.00	-0.13	-1.12	0.0
15778	39.1	-159.5	-874.9	-123.9	138.1	372.0	0.0225	0.0071	0.0127	4.51	14.22	7.97	0.00	-0.14	-1.16	0.0
15779	31.1	-147.3	-895.8	-144.1	172.0	375.8	0.0213	0.0077	0.0127	5.33	14.67	8.93	0.00	-0.15	-1.21	0.0
15780	24.0	-132.1	-916.8	-163.9	207.9	378.8	0.0200	0.0084	0.0127	6.45	15.37	10.14	0.00	-0.16	-1.26	0.0
15781	19.3	-114.0	-936.0	-183.5	246.1	381.2	0.0186	0.0091	0.0127	7.98	16.37	11.68	0.00	-0.17	-1.31	0.0
15782	139.6	0.2	-899.2	-228.6	333.8	325.3	0.0558	0.0130	0.0244	5.66	24.35	12.93	0.00	-0.27	-1.44	0.0
15783	91.8	-4.1	-913.2	-244.4	374.3	333.3	0.0570	0.0124	0.0244	5.28	24.33	12.32	0.00	-0.26	-1.47	0.0
15784	61.1	-21.4	-941.1	-246.8	382.2	353.4	0.0579	0.0117	0.0127	4.76	23.50	21.71	0.00	-0.24	-1.49	0.0
15790	80.6	-39.1	-1059.6	-173.9	195.6	269.4	0.0138	0.0116	0.0244	14.80	17.58	8.37	0.00	-0.26	-1.37	0.0
15791	18.5	-93.4	-951.5	-202.5	286.1	382.5	0.0172	0.0097	0.0127	10.02	17.71	13.58	0.00	-0.18	-1.37	0.0
15794	23.6	-69.9	-959.7	-219.3	322.5	379.2	0.0159	0.0104	0.0127	12.68	19.32	15.84	0.00	-0.19	-1.42	0.0
15797	36.9	-44.4	-954.7	-235.5	356.7	373.6	0.0145	0.0111	0.0127	16.28	21.36	18.64	0.00	-0.21	-1.46	0.0
15799	69.7	-47.6	-1064.5	-172.2	198.1	271.8	0.0143	0.0112	0.0127	13.47	17.22	15.18	0.00	-0.25	-1.37	0.0
15808	-21.7	-6.9	-849.9	101.8	-212.3	189.6	0.0143	0.0114	0.0127	6.13	7.71	6.91	0.00	-0.11	-1.04	0.0
15859	67.9	-172.0	-772.7	42.8	-72.7	333.7	0.0266	0.0051	0.0127	2.85	14.95	5.97	0.00	-0.10	-1.00	0.0
15860	64.8	-165.0	-764.2	59.2	-95.7	327.5	0.0264	0.0052	0.0127	3.03	15.41	6.28	0.00	-0.10	-1.00	0.0
15861	59.8	-156.1	-757.5	74.5	-117.9	321.1	0.0260	0.0054	0.0127	3.23	15.55	6.59	0.00	-0.11	-1.00	0.0
15862	53.0	-145.5	-752.5	88.6	-139.1	315.0	0.0253	0.0057	0.0127	3.46	15.40	6.89	0.00	-0.11	-1.00	0.0
15863	44.5	-133.5	-749.0	101.5	-159.3	309.3	0.0246	0.0061	0.0127	3.72	15.00	7.18	0.00	-0.11	-1.01	0.0
15864	34.4	-120.4	-746.8	113.0	-178.6	304.2	0.0236	0.0066	0.0127	4.01	14.43	7.45	0.00	-0.11	-1.01	0.0
15865	22.9	-106.4	-745.5	123.3	-197.1	299.8	0.0225	0.0071	0.0127	4.35	13.78	7.71	0.00	-0.11	-1.02	0.0
15866	9.9	-92.0	-744.6	132.4	-215.3	296.1	0.0213	0.0077	0.0127	4.75	13.11	7.96	0.00	-0.10	-1.03	0.0
15867	-4.2	-77.4	-743.5	140.4	-233.6	293.0	0.0200	0.0084	0.0127	5.22	12.48	8.22	0.00	-0.10	-1.04	0.0
15868	-19.5	-63.3	-741.3	147.5	-253.1	290.6	0.0186	0.0090	0.0127	5.79	11.91	8.48	0.00	-0.10	-1.05	0.0
15869	-107.4	-5.3	-738.6	145.6	-337.4	224.9	0.0112	0.0130	0.0127	8.81	7.58	7.74	0.00	-0.09	-1.06	0.0
15870	-95.7	-11.0	-733.9	153.1	-335.7	241.6	0.0124	0.0124	0.0127	8.56	8.56	8.33	0.00	-0.09	-1.07	0.0
15871	-83.3	-18.4	-728.7	159.0	-331.8	259.9	0.0133	0.0117	0.0127	8.42	9.51	8.78	0.00	-0.09	-1.08	0.0
15877	-37.9	-10.1	-834.5	110.1	-225.4	195.2	0.0139	0.0116	0.0127	6.27	7.49	6.85	0.00	-0.11	-1.03	0.0
15878	-35.4	-50.2	-738.5	153.7	-274.3	288.7	0.0173	0.0097	0.0127	6.43	11.40	8.74	0.00	-0.10	-1.06	0.0
15881	-51.4	-38.2	-735.0	157.6	-293.6	284.0	0.0159	0.0104	0.0127	7.10	10.85	8.89	0.00	-0.09	-1.07	0.0
15884	-67.7	-27.4	-729.2	160.3	-314.2	278.2	0.0146	0.0111	0.0127	7.83	10.29	8.97	0.00	-0.09	-1.08	0.0
15886	-30.4	-14.9	-834.1	111.3	-223.8	196.4	0.0144	0.0112	0.0127	6.19	7.97	7.01	0.00	-0.11	-1.03	0.0
15895	45.8	45.8	-836.2	72.3	-170.0	178.5	0.0143	0.0114	0.0127	8.25	10.38	9.30	0.00	-0.08	-1.02	0.0
15964	45.5	50.7	-805.1	72.1	-185.4	187.4	0.0139	0.0116	0.0127	8.68	10.36	9.47	0.00	-0.06	-1.01	0.0
15973	52.2	47.6	-802.7	72.6	-183.8	188.5	0.0144	0.0112	0.0127	8.52	10.96	9.64	0.00	-0.06	-1.01	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
15982	91.3	86.8	-809.0	63.6	-159.9	190.6	0.0143	0.0114	0.0127	10.71	13.46	12.07	0.00	-0.06	-1.03	0.0
16051	89.0	90.3	-766.6	64.9	-176.7	200.0	0.0139	0.0116	0.0127	11.21	13.37	12.23	0.00	-0.05	-1.00	0.0
16060	95.7	87.7	-762.2	65.7	-174.1	201.7	0.0144	0.0112	0.0127	10.98	14.12	12.42	0.00	-0.05	-1.00	0.0
16069	121.3	113.9	-775.5	73.9	-150.4	198.5	0.0143	0.0114	0.0127	13.48	16.94	15.19	0.00	-0.08	-1.04	0.0
16138	113.1	116.3	-733.8	75.9	-163.1	205.0	0.0139	0.0116	0.0127	13.91	16.59	15.17	0.00	-0.08	-1.01	0.0
16147	120.0	112.8	-728.3	77.4	-160.4	205.7	0.0144	0.0112	0.0127	13.58	17.47	15.36	0.00	-0.08	-1.00	0.0
16156	149.9	126.8	-741.0	91.4	-142.8	202.2	0.0143	0.0114	0.0127	16.18	20.32	18.22	0.00	-0.12	-1.04	0.0
16225	138.8	129.2	-704.7	91.9	-154.2	207.9	0.0139	0.0116	0.0127	16.43	19.59	17.92	0.00	-0.11	-1.01	0.0
16234	146.0	124.2	-698.4	93.7	-151.0	207.7	0.0144	0.0112	0.0127	16.04	20.63	18.14	0.00	-0.11	-1.01	0.0
16235	101.0	-276.9	-440.7	37.8	-16.5	567.4	0.0266	0.0051	0.0127	8.17	42.81	17.09	0.00	-0.12	-1.15	0.0
16236	98.9	-280.3	-446.8	-37.1	31.4	572.8	0.0264	0.0052	0.0127	8.18	41.69	16.98	0.00	-0.12	-1.16	0.0
16237	94.1	-278.7	-453.9	-67.4	67.6	574.2	0.0260	0.0054	0.0127	8.28	40.02	16.92	0.00	-0.11	-1.17	0.0
16238	86.7	-271.8	-462.2	-98.2	104.8	571.9	0.0254	0.0057	0.0127	8.40	37.64	16.78	0.00	-0.11	-1.18	0.0
16239	77.2	-259.6	-471.7	-129.0	142.3	565.8	0.0246	0.0060	0.0127	8.55	34.83	16.58	0.00	-0.10	-1.19	0.0
16240	66.1	-242.2	-482.5	-159.1	179.8	556.1	0.0237	0.0065	0.0127	8.77	31.92	16.35	0.00	-0.09	-1.19	0.0
16241	54.4	-219.7	-494.4	-187.8	216.9	542.8	0.0226	0.0070	0.0127	9.09	29.18	16.18	0.00	-0.08	-1.20	0.0
16242	43.2	-192.3	-507.1	-214.6	253.8	526.0	0.0214	0.0076	0.0127	9.61	26.94	16.21	0.00	-0.06	-1.21	0.0
16243	33.8	-160.3	-520.1	-239.2	290.6	506.0	0.0201	0.0083	0.0127	10.55	25.61	16.72	0.00	-0.06	-1.22	0.0
16244	28.1	-123.9	-531.7	-261.6	327.1	482.0	0.0188	0.0090	0.0127	12.25	25.57	18.08	0.00	-0.07	-1.25	0.0
16245	28.0	-83.8	-541.4	-282.1	362.4	456.7	0.0173	0.0097	0.0127	15.01	26.82	20.47	0.00	-0.10	-1.28	0.0
16246	36.4	-41.1	-547.5	-301.4	397.3	429.1	0.0159	0.0104	0.0127	19.04	29.00	23.79	0.00	-0.13	-1.33	0.0
16247	58.6	3.6	-545.3	-319.4	427.6	398.2	0.0144	0.0111	0.0127	24.75	32.05	28.11	0.00	-0.18	-1.37	0.0
16248	98.0	48.2	-536.8	-334.6	450.5	367.7	0.0577	0.0119	0.0127	7.32	35.61	33.21	0.00	-0.24	-1.42	0.0
16249	158.0	88.0	-500.1	-334.9	456.5	331.9	0.0567	0.0125	0.0244	8.54	38.69	19.83	0.00	-0.29	-1.42	0.0
16250	199.9	75.0	-623.2	-299.5	399.1	401.3	0.0555	0.0132	0.0244	8.10	34.12	18.38	0.00	-0.24	-1.45	0.0
16251	210.6	-102.4	-113.4	25.4	-6.8	193.5	0.0266	0.0051	0.0127	8.01	41.98	16.76	0.00	-0.13	-0.52	0.0
16252	208.6	-103.0	-114.9	-35.1	9.2	195.8	0.0264	0.0052	0.0127	8.09	41.19	16.78	0.00	-0.13	-0.52	0.0
16253	204.3	-100.5	-116.6	-55.8	21.3	196.7	0.0260	0.0054	0.0127	8.28	39.94	16.92	0.00	-0.13	-0.53	0.0
16254	198.0	-94.7	-118.7	-76.8	34.3	196.4	0.0254	0.0057	0.0127	8.59	38.29	17.13	0.00	-0.14	-0.53	0.0
16255	190.1	-85.4	-121.2	-97.6	47.8	194.9	0.0246	0.0061	0.0127	9.04	36.50	17.47	0.00	-0.14	-0.54	0.0
16256	181.4	-72.6	-124.0	-117.9	61.4	192.1	0.0236	0.0066	0.0127	9.67	34.81	17.97	0.00	-0.15	-0.55	0.0
16257	172.4	-56.3	-127.1	-137.5	75.1	188.1	0.0225	0.0071	0.0127	10.55	33.37	18.68	0.00	-0.16	-0.56	0.0
16258	164.0	-36.4	-130.6	-156.3	88.9	183.0	0.0213	0.0077	0.0127	11.75	32.31	19.65	0.00	-0.17	-0.58	0.0
16259	157.3	-13.0	-134.1	-174.3	102.8	176.6	0.0199	0.0084	0.0127	13.36	31.70	20.95	0.00	-0.19	-0.60	0.0
16260	153.3	14.0	-137.5	-191.8	116.6	169.0	0.0185	0.0091	0.0127	15.53	31.60	22.64	0.00	-0.21	-0.62	0.0
16261	153.7	44.3	-140.5	-209.2	130.0	160.7	0.0171	0.0098	0.0127	18.48	32.07	24.81	0.00	-0.24	-0.65	0.0
16262	160.9	77.6	-142.6	-227.2	142.2	151.3	0.0156	0.0106	0.0127	22.49	33.17	27.59	0.00	-0.27	-0.69	0.0
16263	179.3	113.3	-142.4	-245.6	151.4	141.3	0.0588	0.0113	0.0127	6.72	34.95	31.09	0.00	-0.31	-0.72	0.0
16264	212.6	151.4	-142.8	-262.1	156.4	131.4	0.0574	0.0120	0.0127	7.80	37.24	35.22	0.00	-0.36	-0.76	0.0
16265	271.3	193.8	-122.6	-257.3	143.8	128.3	0.0564	0.0127	0.0244	8.76	38.91	20.21	0.00	-0.37	-0.77	0.0
16266	248.0	170.4	-333.7	-236.5	200.6	344.9	0.0551	0.0133	0.0244	8.33	34.46	18.79	0.00	-0.23	-1.07	0.0
16267	235.3	-24.8	-55.7	18.1	-4.4	53.3	0.0266	0.0051	0.0127	8.90	46.61	18.61	0.00	-0.22	-0.33	0.0
16268	233.2	-24.3	-56.3	-31.7	-1.7	54.5	0.0264	0.0052	0.0127	9.00	45.78	18.67	0.00	-0.22	-0.34	0.0
16269	228.9	-21.8	-57.1	-47.0	5.9	55.5	0.0259	0.0054	0.0127	9.16	44.03	18.69	0.00	-0.22	-0.34	0.0
16270	223.1	-17.4	-57.9	-62.5	11.2	56.1	0.0253	0.0057	0.0127	9.42	41.77	18.76	0.00	-0.23	-0.34	0.0
16271	216.2	-10.8	-59.0	-77.6	16.6	56.6	0.0245	0.0061	0.0127	9.81	39.29	18.90	0.00	-0.23	-0.35	0.0
16272	208.8	-2.1	-60.3	-92.5	22.1	56.7	0.0235	0.0066	0.0127	10.36	36.87	19.17	0.00	-0.23	-0.35	0.0
16273	201.5	8.7	-61.7	-106.9	27.8	56.7	0.0224	0.0072	0.0127	11.13	34.71	19.60	0.00	-0.24	-0.36	0.0
16274	194.8	21.7	-63.3	-121.0	33.6	56.3	0.0211	0.0078	0.0127	12.18	32.92	20.23	0.00	-0.24	-0.38	0.0
16275	189.4	37.1	-65.0	-135.0	39.4	55.7	0.0197	0.0085	0.0127	13.59	31.60	21.11	0.00	-0.25	-0.39	0.0
16276	186.1	55.3	-66.7	-149.2	45.1	54.9	0.0183	0.0092	0.0127	15.50	30.80	22.33	0.00	-0.27	-0.41	0.0
16277	185.8	76.5	-68.2	-164.1	50.5	54.0	0.0168	0.0100	0.0127	18.10	30.57	23.95	0.00	-0.28	-0.43	0.0
16278	190.5	101.2	-69.4	-180.3	55.0	53.2	0.0600	0.0107	0.0127	5.53	31.00	26.11	0.00	-0.31	-0.46	0.0
16279	203.7	130.0	-69.5	-198.0	58.0	53.1	0.0585	0.0114	0.0127	6.30	32.19	28.99	0.00	-0.34	-0.50	0.0
16280	231.8	165.5	-70.2	-214.6	56.8	55.7	0.0571	0.0122	0.0127	7.29	34.19	32.73	0.00	-0.38	-0.54	0.0
16281	286.5	208.6	-64.3	-221.1	54.0	88.0	0.0561	0.0128	0.0244	8.42	36.79	19.34	0.00	-0.38	-0.60	0.0
16282	257.8	244.0	-199.1	-191.1	166.5	325.3	0.0548	0.0135	0.0244	8.61	35.04	19.32	0.00	-0.19	-0.92	0.0
16283	241.5	3.9	-28.2	-15.6	-4.5	-7.7	0.0266	0.0051	0.0127	9.13	47.80	19.09	0.00	-0.24	-0.27	0.0
16284	239.1	5.2	-28.3	-29.9	-5.8	-7.6	0.0264	0.0052	0.0127	9.22	46.84	19.11	0.00	-0.24	-0.27	0.0
16285	234.3	8.3	-28.5	-44.3	-7.8	-7.8	0.0259	0.0054	0.0127	9.37	44.94	19.11	0.00	-0.24	-0.27	0.0
16286	227.9	13.1	-28.8	-58.4	-9.6	-8.6	0.0253	0.0057	0.0127	9.61	42.43	19.12	0.00	-0.24	-0.28	0.0
16287	220.3	19.7	-29.2	-71.9	-11.1	-9.8	0.0244	0.0061	0.0127	9.97	39.66	19.17	0.00	-0.24	-0.28	0.0
16288	212.1	27.9	-29.7	-84.9	-12.4	-11.5	0.0234	0.0066	0.0127	10.48	36.91	19.31	0.00	-0.24	-0.28	0.0
16289	203.8	37.4	-30.3	-97.1	-13.5	-13.8	0.0223	0.0072	0.0127	11.17	34.38	19.56	0.00	-0.25	-0.29	0.0
16290	195.8	48.1	-30.9	-108.9	-14.5	-16.6	0.0210	0.0079	0.0127	12.10	32.18	19.95	0.00	-0.25	-0.30	0.0
16291	188.4	59.9	-31.7	-120.4	17.0	-20.1	0.0196	0.0086	0.0127	13.43	30.62	20.67	0.00	-0.27	-0.30	0.0
16292	182.1	72.9	-32.5	-131.7	19.7	-24.4	0.0181	0.0093	0.0127	15.09	29.31	21.48	0.00	-0.28	-0.31	0.0
16293	177.5	86.8	-33.2	-143.2	22.3	-29.4	0.0613	0.0101	0.0127	4.67	28.43	22.53	0.00	-0.30	-0.33	0.0
16294	175.4	101.2	-33.7	-155.3	24.6	-35.2	0.0597	0.0108	0.0127	5.07	27.98	23.84	0.00	-0.32	-0.35	0.0
16295	179.0	115.0	-33.6	-167.9	26.6	-42.5	0.0582	0.0116	0.0127	5.57	28.00	25.52	0.00	-0.34	-0.37	0.0
16296	192.5	137.1	-33.0	-180.8	-35.9	-51.2	0.0568	0.0123	0.0127	6.12	28.27	27.37	0.00	-0.31	-0.44	0.0
16297	238.7	186.9	-31.8	-197.5	-54.6	85.0	0.0558	0.0130	0.0244	7.74	33.30	17.69	0.00	-0.41	-0.49	0.0
16298	251.0	322.3	-45.1	-164.3	188.9	341.7	0.0546	0.0215	0.0244	9.82	24.97	21.93	0.00	-0.19	-0.89	0.0
16299	240.5	4.4	-2.1	-11.7	-5.7	-19.2	0.0266	0.0051	0.0127	9.08	47.52	18.98	0.00	-0.22	-0.26	0.0
16300	237.9	6.4	-1.9	-27.9	-6.2	-19.0	0.0263	0.0052	0.0127	9.16	46.50	18.99	0.00	-0.22	-0.26	0.0
16301	232.6	10.8	-1.7	-43.8	-8.0	-18.4	0.0259	0.0054	0.0127	9.30	44.52	18.96	0.00	-0.22	-0.26	0.0
16302	225.0	17.6	-1.4	-58.9	-10.4	-17.6	0.0252	0.0057	0.0127	9.54	41.91	18.94	0.00	-0.22	-0.26	0.0
16303	215.9	26.5	-1.2	-72.9	-12.7	-17.2	0.0244	0.0062	0.0127	9.88	39.03	18.95	0.00	-0.22	-0.26	0.0
16304	205.6	37.2	-1.0	-85.8	-15.0	-19.1	0.0233	0.0067	0.0127	10.36	36.14	19.03	0.00	-0.22	-0.27	0.0
16305	194.6	49.7	-0.7	-97.6	-17.4	-22.4	0.0222	0.0073	0.0127	11.00	33.45	19.18	0.00	-0.22	-0.27	0.0
16306	183.1	63.9	-0.4	-108.1	-19.8	-26.8	0.0208	0.0079	0.0127	11.86	31.08	19.44	0.00	-0.21	-0.28	0.0
16307	171.4	79.8	-0.1	-117.5	-22.4	-32.6	0.0194	0.0087	0.0127	12.97	29.06	19.80	0.00	-0.21	-0.29	0.0
16308	159.6	97.1	0.3	-125.5	-25.4	-39.8	0.0179	0.0094	0.0127	14.39	27.40	20.28	0.00	-0.21	-0.31	0.0
16309	147.6	115.5	0.8	-132.1	-29.0	-49.0	0.0611	0.0102	0.0127	4.34	26.04	20.85	0.00	-0.21	-0.32	0.0
16310	135.5	133.9	1.6	-136.5	-33.8	-60.8	0.0595	0.0109	0.0127	4.58	24.90	21.45	0.00	-0.21	-0.34	0.0
16311	124.3	149.3	3.2	-137.9	-40.9	-77.4	0.0580	0.0117	0.0127	4.81	23.82	21.94	0.00	-0.20	-0.36	0.0
16312	117.1	153.6	7.4	-134.7	-57.8	-101.2	0.0565	0.0124	0.0127	4.91	22.34	21.85	0.00	-0.17	-0.39	0.0
16313	117.2	155.7	12.8	-132.2	-73.4	-146.3	0.0556	0.0210	0.0244	5.22	13.83	11.86	0.00	-0.15	-0.44	0.0
16314	201.3	368.6	150.9	-174.5	308.4	474.2	0.0543	0.0216	0.0244	13.87	34.92	30.84	0.00	-0.36	-1.18	0.0
16379	271.1	-9.2	-32.4	-10.0	-10.0	10.9	0.0266	0.0051	0.0127	10.23	53.55	21.39	0.00	-0.28	-0.31	0.0
16380	268.3	-8.2	-32.0	-30.4	-9.9	11.9	0.0263	0.0052	0.0127	10.32	52.41	21.40	0.00	-0.28	-0.31	0.0
16381	261.8	-4.4	-31.4	-50.1	-12.6	13.4	0.0259	0.0054	0.0127	10.49	50.18	21.37	0.00	-0.28	-0.31	0.0
16382	252.1	3.4	-30.7	-68.7	20.7	15.5	0.0252	0.0057	0.0127	10.72	47.13	21.30	0.00	-0.27	-0.32	0.0
16383	239.6	14.1	-30.2	-85.7	30.0	18.0	0.0244	0.0062	0.0127	11.08	43.78	21.26	0.00	-0.27	-0.32	0.0
16384	224.8	27.0	-29.7	-100.6	39.9	21.0	0.0233	0.0067	0.0127	11.56	40.33	21.23	0.00	-0.26	-0.33	0.0
16385	208.0	41.9	-29.4	-113.3	50.3	24.6	0.0222	0.0073	0.0127	12.16	36.97	21.20	0.00	-0.25	-0.34	0.0
16386	189.7	58.3	-29.1	-123.4	61.3	-30.3	0.0208	0.0079	0.0127	13.39	35.09	21.94	0.00	-0.29	-0.32	0.0
16387	170.1	75.5	-28.7	-130.5	73.0	-44.0	0.0194	0.0087	0.0127	14.67	32.87	22.40	0.00	-0.30	-0.34	0.0
16388	149.3	92.8	-28.2	-134.1	85.4	-61.4	0.0179	0.0094	0.0127	16.33	31.09	23.01	0.00	-0.31	-0.36	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
16389	127.4	108.6	-27.3	-133.4	98.5	-83.6	0.0611	0.0102	0.0127	4.95	29.70	23.79	0.00	-0.32	-0.38	0.0
16390	104.4	120.2	-25.0	-126.9	112.8	-112.3	0.0595	0.0109	0.0127	5.28	28.69	24.71	0.00	-0.33	-0.41	0.0
16391	80.6	122.5	-18.7	-113.2	128.7	-151.0	0.0580	0.0117	0.0127	5.68	28.17	25.94	0.00	-0.34	-0.46	0.0
16392	64.4	157.8	-6.9	-105.5	154.6	-206.6	0.0565	0.0124	0.0127	6.94	31.59	30.90	0.00	-0.40	-0.57	0.0
16393	64.6	259.4	43.5	-158.5	194.3	326.7	0.0556	0.0210	0.0244	8.93	23.67	20.31	0.00	-0.28	-0.84	0.0
16394	239.1	393.8	170.2	-265.3	416.8	-502.9	0.0543	0.0216	0.0244	19.65	49.47	43.69	0.00	-1.03	-1.37	0.0
16459	284.1	-5.9	-109.7	-9.9	-9.0	44.6	0.0266	0.0051	0.0127	10.71	56.09	22.40	0.00	-0.27	-0.41	0.0
16460	280.9	-3.7	-109.3	-31.0	-13.0	46.5	0.0263	0.0052	0.0127	10.82	54.93	22.43	0.00	-0.28	-0.41	0.0
16461	273.7	1.8	-108.7	-51.3	20.2	48.9	0.0259	0.0054	0.0127	10.94	52.36	22.30	0.00	-0.27	-0.41	0.0
16462	263.1	10.4	-108.5	-70.3	34.4	51.8	0.0252	0.0057	0.0127	11.19	49.18	22.23	0.00	-0.26	-0.42	0.0
16463	249.4	21.6	-108.9	-87.5	49.2	55.1	0.0244	0.0062	0.0127	11.54	45.59	22.14	0.00	-0.26	-0.43	0.0
16464	232.9	35.1	-109.9	-102.3	64.6	58.8	0.0233	0.0067	0.0127	11.99	41.84	22.03	0.00	-0.25	-0.44	0.0
16465	214.0	50.2	-111.4	-114.3	80.5	63.3	0.0222	0.0073	0.0127	12.54	38.13	21.86	0.00	-0.23	-0.45	0.0
16466	193.1	66.4	-113.3	-123.2	97.1	68.7	0.0208	0.0079	0.0127	13.19	34.56	21.61	0.00	-0.22	-0.46	0.0
16467	170.7	83.0	-115.3	-128.4	114.6	75.8	0.0194	0.0087	0.0127	13.91	31.17	21.24	0.00	-0.20	-0.47	0.0
16468	147.1	99.2	-117.2	-129.7	133.0	85.9	0.0179	0.0094	0.0127	14.67	27.91	20.67	0.00	-0.17	-0.49	0.0
16469	123.1	114.3	-118.2	-126.9	152.2	101.5	0.0611	0.0102	0.0127	4.12	24.74	19.81	0.00	-0.13	-0.50	0.0
16470	101.6	131.7	-116.3	-122.3	172.4	-132.4	0.0595	0.0109	0.0127	5.72	31.11	26.80	0.00	-0.34	-0.56	0.0
16471	94.2	168.0	-107.6	-132.7	193.6	-181.6	0.0580	0.0117	0.0127	6.96	34.51	31.78	0.00	-0.41	-0.65	0.0
16472	113.8	234.0	-79.6	-162.9	224.2	-250.7	0.0565	0.0124	0.0127	9.39	42.73	41.78	0.00	-0.53	-0.80	0.0
16473	99.5	350.8	-24.9	-215.2	247.5	-352.8	0.0556	0.0210	0.0244	12.99	34.43	29.53	0.00	-0.74	-1.00	0.0
16474	565.0	597.8	154.0	-463.8	415.8	-529.0	0.0543	0.0216	0.0244	25.85	65.09	57.48	0.00	-1.28	-1.62	0.0
16539	280.7	-1.1	-212.3	-9.9	-16.7	50.2	0.0266	0.0051	0.0127	10.60	55.50	22.17	0.00	-0.27	-0.51	0.0
16540	277.4	1.8	-212.0	-30.3	-21.4	52.6	0.0263	0.0052	0.0127	10.71	54.37	22.20	0.00	-0.27	-0.51	0.0
16541	270.2	7.6	-211.5	-50.0	27.4	55.7	0.0259	0.0054	0.0127	10.81	51.73	22.03	0.00	-0.27	-0.51	0.0
16542	259.9	16.3	-211.9	-68.5	44.1	59.4	0.0252	0.0057	0.0127	11.07	48.65	21.99	0.00	-0.26	-0.51	0.0
16543	246.6	27.5	-213.8	-85.2	61.5	63.7	0.0244	0.0062	0.0127	11.44	45.18	21.94	0.00	-0.25	-0.52	0.0
16544	230.7	40.9	-217.2	-99.5	79.4	68.7	0.0233	0.0067	0.0127	11.90	41.53	21.86	0.00	-0.25	-0.53	0.0
16545	212.4	55.9	-221.6	-111.1	97.6	74.5	0.0222	0.0073	0.0127	12.46	37.89	21.72	0.00	-0.23	-0.55	0.0
16546	192.3	72.1	-226.7	-119.7	116.4	81.6	0.0208	0.0079	0.0127	13.12	34.39	21.51	0.00	-0.22	-0.56	0.0
16547	171.7	89.1	-232.3	-125.4	136.0	90.7	0.0194	0.0087	0.0127	13.92	31.20	21.26	0.00	-0.20	-0.58	0.0
16548	152.1	107.3	-238.0	-129.1	156.7	103.3	0.0179	0.0094	0.0127	14.97	28.49	21.10	0.00	-0.18	-0.61	0.0
16549	136.6	129.0	-242.7	-133.7	178.3	122.2	0.0611	0.0102	0.0127	4.45	26.70	21.38	0.00	-0.15	-0.64	0.0
16550	128.9	159.8	-244.0	-143.8	200.4	-154.5	0.0595	0.0109	0.0127	6.52	35.43	30.52	0.00	-0.38	-0.74	0.0
16551	127.5	207.3	-235.9	-164.1	222.7	-208.0	0.0580	0.0117	0.0127	8.04	39.84	36.69	0.00	-0.46	-0.84	0.0
16552	154.3	283.8	-201.8	-198.1	249.4	-277.4	0.0565	0.0124	0.0127	10.61	48.25	47.19	0.00	-0.59	-0.98	0.0
16553	127.2	435.9	-131.3	-269.2	257.3	-374.3	0.0556	0.0210	0.0244	14.58	38.64	33.15	0.00	-0.84	-1.16	0.0
16554	949.1	820.1	152.2	-712.1	371.9	-525.2	0.0543	0.0216	0.0244	33.79	85.08	75.13	0.00	-1.61	-1.97	0.0
16619	272.4	-0.8	-316.8	-10.1	-28.1	45.0	0.0266	0.0051	0.0127	10.32	54.04	21.58	0.00	-0.27	-0.60	0.0
16620	269.6	2.1	-315.5	-29.8	-33.0	47.7	0.0263	0.0052	0.0127	10.45	53.06	21.66	0.00	-0.27	-0.60	0.0
16621	263.3	7.9	-313.9	-49.1	-37.1	51.2	0.0259	0.0054	0.0127	10.66	50.99	21.72	0.00	-0.27	-0.60	0.0
16622	254.6	16.7	-314.2	-67.6	53.6	55.5	0.0252	0.0057	0.0127	10.89	47.88	21.64	0.00	-0.26	-0.61	0.0
16623	243.7	28.2	-317.3	-84.6	72.1	60.7	0.0244	0.0062	0.0127	11.36	44.88	21.80	0.00	-0.26	-0.62	0.0
16624	230.2	41.9	-322.7	-99.7	90.6	66.8	0.0233	0.0067	0.0127	11.95	41.69	21.94	0.00	-0.25	-0.63	0.0
16625	214.6	57.7	-329.8	-112.5	109.2	74.1	0.0222	0.0073	0.0127	12.65	38.46	22.05	0.00	-0.25	-0.65	0.0
16626	197.7	75.0	-337.9	-122.8	128.2	82.8	0.0208	0.0079	0.0127	13.51	35.41	22.14	0.00	-0.24	-0.67	0.0
16627	180.9	94.0	-346.6	-131.3	147.8	93.6	0.0194	0.0087	0.0127	14.61	32.74	22.31	0.00	-0.22	-0.70	0.0
16628	165.6	115.5	-355.7	-139.1	168.5	108.0	0.0179	0.0094	0.0127	16.13	30.70	22.73	0.00	-0.21	-0.73	0.0
16629	153.7	141.8	-364.3	-148.3	190.4	-129.6	0.0611	0.0102	0.0127	6.01	36.06	28.88	0.00	-0.36	-0.80	0.0
16630	147.8	177.1	-370.0	-161.5	212.8	-174.6	0.0595	0.0109	0.0127	7.04	38.29	32.98	0.00	-0.42	-0.89	0.0
16631	145.4	229.3	-366.4	-184.2	233.8	-228.8	0.0580	0.0117	0.0127	8.60	42.60	39.23	0.00	-0.50	-0.99	0.0
16632	178.2	314.1	-332.7	-219.8	257.8	-294.4	0.0565	0.0124	0.0127	11.21	50.99	49.87	0.00	-0.62	-1.13	0.0
16633	138.8	501.8	-246.0	-309.6	261.9	-382.6	0.0556	0.0210	0.0244	15.67	41.53	35.63	0.00	-0.91	-1.31	0.0
16634	1389.0	1073.7	165.2	-1001.6	318.4	-506.8	0.0543	0.0216	0.0244	44.04	110.88	97.92	0.00	-2.08	-2.47	0.0
16635	-136.2	18.6	-417.1	204.9	-456.4	261.5	0.0108	0.0132	0.0127	18.74	15.36	15.91	0.00	-0.06	-1.08	0.0
16636	-114.3	10.0	-414.8	212.6	-429.8	281.7	0.0121	0.0125	0.0127	16.02	15.41	15.19	0.00	-0.04	-1.06	0.0
16637	-92.0	-1.3	-413.5	218.4	-403.4	302.3	0.0130	0.0119	0.0127	14.28	15.69	14.63	0.00	-0.03	-1.04	0.0
16638	-69.9	-15.8	-414.1	221.7	-378.6	321.9	0.0144	0.0111	0.0127	12.65	16.38	14.37	0.00	-0.02	-1.03	0.0
16639	-48.6	-33.5	-416.5	222.7	-354.5	343.4	0.0159	0.0104	0.0127	11.45	17.44	14.30	0.00	-0.02	-1.02	0.0
16640	-27.8	-53.5	-418.5	221.4	-330.1	364.6	0.0173	0.0097	0.0127	10.55	18.85	14.39	0.00	-0.03	-1.02	0.0
16641	-8.4	-76.0	-420.8	217.8	-306.7	386.3	0.0188	0.0090	0.0127	9.80	20.46	14.47	0.00	-0.03	-1.02	0.0
16642	10.1	-100.2	-422.7	212.1	-282.2	409.3	0.0201	0.0083	0.0127	9.24	22.42	14.64	0.00	-0.04	-1.03	0.0
16643	27.6	-125.2	-423.6	203.8	-256.8	431.5	0.0214	0.0076	0.0127	8.80	24.67	14.85	0.00	-0.05	-1.04	0.0
16644	43.7	-150.4	-424.1	193.0	-230.6	453.3	0.0226	0.0070	0.0127	8.48	27.23	15.10	0.00	-0.05	-1.05	0.0
16645	58.2	-175.3	-424.7	179.3	-203.5	474.6	0.0237	0.0065	0.0127	8.26	30.06	15.40	0.00	-0.06	-1.07	0.0
16646	71.0	-199.0	-425.5	162.7	-175.2	495.0	0.0246	0.0060	0.0127	8.12	33.07	15.74	0.00	-0.07	-1.08	0.0
16647	81.8	-220.8	-426.9	143.0	-145.5	514.0	0.0254	0.0057	0.0127	8.05	36.08	16.09	0.00	-0.08	-1.09	0.0
16648	90.5	-240.1	-428.9	120.3	-114.5	531.1	0.0260	0.0054	0.0127	8.03	38.85	16.42	0.00	-0.09	-1.11	0.0
16649	96.8	-256.2	-431.8	95.0	-82.3	545.9	0.0264	0.0052	0.0127	8.06	41.07	16.72	0.00	-0.10	-1.12	0.0
16650	100.4	-268.6	-435.6	67.3	-49.4	558.1	0.0266	0.0051	0.0127	8.10	42.45	16.95	0.00	-0.11	-1.14	0.0
16651	-7.7	82.1	-113.4	126.5	-173.3	95.9	0.0105	0.0133	0.0127	16.70	13.11	13.74	0.00	-0.09	-0.48	0.0
16652	9.9	75.0	-112.7	133.6	-161.7	102.8	0.0117	0.0127	0.0127	15.55	14.36	14.34	0.00	-0.10	-0.48	0.0
16653	28.4	66.1	-112.0	139.2	-150.8	109.2	0.0127	0.0120	0.0127	14.91	15.75	14.89	0.00	-0.11	-0.48	0.0
16654	47.3	55.4	-111.6	142.9	-140.3	115.3	0.0141	0.0113	0.0127	13.84	17.29	15.38	0.00	-0.12	-0.48	0.0
16655	66.6	42.8	-111.2	144.6	-130.3	121.6	0.0156	0.0106	0.0127	12.87	18.98	15.79	0.00	-0.12	-0.48	0.0
16656	85.8	28.8	-111.0	144.1	-120.5	128.0	0.0171	0.0098	0.0127	12.00	20.83	16.12	0.00	-0.13	-0.48	0.0
16657	104.5	13.7	-110.8	141.4	-110.9	134.3	0.0185	0.0091	0.0127	11.24	22.86	16.38	0.00	-0.13	-0.48	0.0
16658	122.4	-2.1	-110.6	136.7	-101.4	141.1	0.0199	0.0084	0.0127	10.57	25.09	16.58	0.00	-0.14	-0.48	0.0
16659	139.5	-17.9	-110.3	129.8	-91.8	147.9	0.0213	0.0077	0.0127	10.01	27.53	16.74	0.00	-0.14	-0.49	0.0
16660	155.2	-33.4	-110.0	121.0	-82.1	154.6	0.0225	0.0071	0.0127	9.53	30.15	16.88	0.00	-0.14	-0.49	0.0
16661	169.5	-48.2	-109.8	110.6	-72.2	161.3	0.0236	0.0066	0.0127	9.14	32.90	16.98	0.00	-0.14	-0.49	0.0
16662	181.9	-61.9	-109.8	98.7	-62.2	167.9	0.0246	0.0061	0.0127	8.83	35.66	17.07	0.00	-0.14	-0.50	0.0
16663	192.4	-74.1	-110.0	85.7	-51.9	174.2	0.0254	0.0057	0.0127	8.58	38.26	17.12	0.00	-0.14	-0.50	0.0
16664	200.8	-84.5	-110.5	71.7	-41.2	180.1	0.0260	0.0054	0.0127	8.39	40.45	17.14	0.00	-0.14	-0.51	0.0
16665	206.7	-92.9	-111.2	56.9	-30.1	185.4	0.0264	0.0052	0.0127	8.24	41.94	17.09	0.00	-0.14	-0.51	0.0
16666	210.0	-98.9	-112.2	41.4	-18.7	189.9	0.0266	0.0051	0.0127	8.11	42.49	16.97	0.00	-0.13	-0.51	0.0
16667	38.5	101.7	-56.2	80.7	-63.7	34.7	0.0102	0.0135	0.0127	15.45	11.65	12.35	0.00	-0.12	-0.27	0.0
16668	52.4	94.5	-56.0	87.9	-59.7	36.4	0.0114	0.0128	0.0127	14.37	12.78	12.92	0.00	-0.13	-0.27	0.0
16669	67.8	86.1	-55.7	93.7	-56.0	37.4	0.0124	0.0122	0.0127	13.84	14.10	13.50	0.00	-0.14	-0.28	0.0
16670	84.1	76.7	-55.5	98.1	-52.5	38.2	0.0138	0.0114	0.0127	12.95	15.65	14.10	0.00	-0.15	-0.28	0.0
16671	101.2	66.4	-55.3	100.8	-49.3	39.0	0.0153	0.0107	0.0127	12.20	17.45	14.70	0.00	-0.16	-0.29	0.0
16672	118.6	55.5	-55.1	101.6	-46.1	39.8	0.0168	0.0100	0.0127	11.55	19.51	15.29	0.00	-0.17	-0.29	0.0
16673	136.0	44.5	-54.9	100.4	-43.0	40.6	0.0183	0.0092	0.0127	11.00	21.86	15.85	0.00	-0.18	-0.30	0.0
16674	152.9	33.5	-54.7	97.1	-39.8	41.5	0.0197	0.0085	0.0127	10.54	24.50	16.37	0.00	-0.19	-0.30	0.0
16675	169.0	22.9	-54.5	91.8	-36.5	42.6	0.0211	0.0078	0.0127	10.14	27.42	16.85	0.00	-0.20	-0.31	0.0
16676	184.0	13.1	-54.3	84.6	-33.1	43.6	0.0224	0.0072	0.0127	9.81	30.60	17.27	0.00	-0.20	-0.31	0.0
16677	197.5	4.0	-54.2	75.8	-29.4	44.8	0.0235	0.0066	0.0127	9.54	33.95	17.65	0.00	-0.21	-0.32	0.0
16678	209.3	-4.0	-54.1	65.8	-25.6	46.1	0.0245	0.0061	0.0127	9.33	37.37	17.98	0.00	-0.21	-0.32	0.0
16679	219.1	-10.9	-54.2	55.1	-21.6	47.4	0.0253	0.0057	0.0127	9.17	40.66	18.26	0.00	-0.22	-0.32	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
16680	226.9	-16.5	-54.4	44.5	-17.5	48.9	0.0259	0.0054	0.0127	9.06	43.56	18.49	0.00	-0.22	-0.33	0.0
16681	232.2	-20.8	-54.8	34.8	-13.2	50.4	0.0264	0.0052	0.0127	8.99	45.74	18.65	0.00	-0.22	-0.33	0.0
16682	235.1	-23.6	-55.2	26.1	-8.8	51.9	0.0266	0.0051	0.0127	8.94	46.84	18.70	0.00	-0.22	-0.33	0.0
16683	43.5	116.5	-28.1	60.6	15.5	-19.2	0.0099	0.0136	0.0127	15.28	11.11	11.90	0.00	-0.13	-0.19	0.0
16684	55.2	109.5	-28.1	68.7	16.5	-18.8	0.0111	0.0130	0.0127	14.04	12.05	12.31	0.00	-0.14	-0.20	0.0
16685	68.9	102.0	-28.1	75.7	17.2	-18.8	0.0121	0.0123	0.0127	13.45	13.25	12.82	0.00	-0.14	-0.20	0.0
16686	84.1	93.8	-28.0	81.5	17.6	-18.7	0.0136	0.0116	0.0127	12.57	14.73	13.42	0.00	-0.15	-0.21	0.0
16687	100.4	85.1	-28.0	85.8	17.7	-18.4	0.0151	0.0108	0.0127	11.87	16.52	14.08	0.00	-0.16	-0.22	0.0
16688	117.6	75.8	-28.0	88.3	17.5	-17.8	0.0166	0.0101	0.0127	11.30	18.61	14.75	0.00	-0.17	-0.23	0.0
16689	135.2	66.1	-27.9	88.7	16.9	-17.0	0.0181	0.0093	0.0127	10.83	21.03	15.42	0.00	-0.18	-0.24	0.0
16690	152.7	56.1	-27.8	86.9	-16.2	-15.9	0.0196	0.0086	0.0127	10.52	24.00	16.20	0.00	-0.20	-0.24	0.0
16691	169.7	46.3	-27.7	82.9	-15.9	-14.7	0.0210	0.0079	0.0127	10.16	27.04	16.77	0.00	-0.21	-0.24	0.0
16692	185.7	36.8	-27.6	76.6	-15.1	-13.4	0.0223	0.0072	0.0127	9.86	30.36	17.28	0.00	-0.21	-0.25	0.0
16693	200.3	28.1	-27.5	68.3	-14.1	-12.0	0.0234	0.0066	0.0127	9.62	33.88	17.73	0.00	-0.22	-0.26	0.0
16694	213.1	20.4	-27.5	58.2	-12.7	-10.7	0.0244	0.0061	0.0127	9.42	37.47	18.12	0.00	-0.22	-0.26	0.0
16695	223.9	14.1	-27.5	46.7	-11.1	-9.5	0.0253	0.0057	0.0127	9.28	40.95	18.45	0.00	-0.23	-0.26	0.0
16696	232.4	9.4	-27.6	34.5	-9.4	-8.6	0.0259	0.0054	0.0127	9.18	44.04	18.73	0.00	-0.23	-0.27	0.0
16697	238.2	6.1	-27.8	23.0	-7.5	-8.1	0.0264	0.0052	0.0127	9.13	46.43	18.94	0.00	-0.24	-0.27	0.0
16698	241.3	4.3	-28.0	15.4	-5.7	-7.9	0.0266	0.0051	0.0127	9.12	47.77	19.08	0.00	-0.24	-0.27	0.0
16699	30.5	120.8	-2.7	54.0	19.5	-25.7	0.0097	0.0137	0.0127	15.29	10.76	11.62	0.00	-0.12	-0.18	0.0
16700	40.5	114.5	-2.7	62.6	20.3	-26.4	0.0109	0.0131	0.0127	13.89	11.54	11.91	0.00	-0.12	-0.18	0.0
16701	53.1	108.0	-2.8	70.7	21.5	-26.8	0.0119	0.0124	0.0127	13.23	12.63	12.35	0.00	-0.12	-0.19	0.0
16702	67.4	101.1	-2.7	78.0	22.4	-27.0	0.0133	0.0117	0.0127	12.33	14.04	12.93	0.00	-0.13	-0.20	0.0
16703	83.5	93.4	-2.6	83.9	23.1	-26.8	0.0148	0.0109	0.0127	11.64	15.77	13.58	0.00	-0.14	-0.21	0.0
16704	100.9	84.8	-2.5	88.3	23.4	-26.1	0.0164	0.0102	0.0127	11.08	17.83	14.28	0.00	-0.15	-0.22	0.0
16705	119.3	75.2	-2.5	90.5	23.4	-25.0	0.0179	0.0094	0.0127	10.64	20.24	14.99	0.00	-0.16	-0.22	0.0
16706	138.1	64.9	-2.4	90.4	22.9	-23.5	0.0194	0.0087	0.0127	10.27	23.00	15.68	0.00	-0.17	-0.23	0.0
16707	156.7	54.2	-2.3	87.8	22.0	-21.8	0.0208	0.0079	0.0127	9.96	26.10	16.32	0.00	-0.18	-0.24	0.0
16708	174.7	43.5	-2.2	82.4	20.7	-20.1	0.0222	0.0073	0.0127	9.70	29.49	16.91	0.00	-0.19	-0.24	0.0
16709	191.3	33.3	-2.2	74.5	19.0	-18.4	0.0233	0.0067	0.0127	9.49	33.11	17.43	0.00	-0.20	-0.25	0.0
16710	206.2	24.0	-2.2	64.2	17.0	-17.1	0.0244	0.0062	0.0127	9.31	36.80	17.87	0.00	-0.20	-0.25	0.0
16711	218.9	16.2	-2.1	51.8	14.5	-16.8	0.0252	0.0057	0.0127	9.18	40.37	18.24	0.00	-0.21	-0.25	0.0
16712	229.0	10.1	-2.2	37.7	11.7	-17.5	0.0259	0.0054	0.0127	9.10	43.53	18.54	0.00	-0.22	-0.25	0.0
16713	236.1	6.2	-2.2	22.4	8.7	-18.3	0.0263	0.0052	0.0127	9.05	45.96	18.76	0.00	-0.22	-0.26	0.0
16714	240.0	4.4	-2.2	7.6	-6.6	-18.9	0.0266	0.0051	0.0127	9.05	47.37	18.92	0.00	-0.22	-0.26	0.0
16779	25.6	149.7	-29.0	76.9	-39.5	-45.3	0.0097	0.0137	0.0127	20.83	14.65	15.83	0.00	-0.21	-0.25	0.0
16780	38.1	141.0	-29.3	86.8	-42.6	-44.9	0.0109	0.0131	0.0127	18.90	15.70	16.20	0.00	-0.21	-0.26	0.0
16781	53.1	131.5	-29.8	95.6	-45.6	-43.9	0.0119	0.0124	0.0127	17.82	17.02	16.65	0.00	-0.22	-0.26	0.0
16782	69.9	121.1	-30.2	103.2	-48.5	-42.3	0.0133	0.0117	0.0127	16.36	18.63	17.15	0.00	-0.23	-0.27	0.0
16783	88.4	109.7	-30.5	109.3	-51.0	-40.0	0.0148	0.0109	0.0127	15.16	20.54	17.69	0.00	-0.23	-0.27	0.0
16784	108.2	97.4	-30.9	113.4	-52.8	-36.9	0.0164	0.0102	0.0127	14.15	22.77	18.24	0.00	-0.24	-0.28	0.0
16785	129.1	84.1	-31.2	115.2	-53.8	-33.0	0.0179	0.0094	0.0127	13.32	25.34	18.76	0.00	-0.25	-0.29	0.0
16786	150.5	70.2	-31.4	114.4	-53.6	-28.4	0.0194	0.0087	0.0127	12.61	28.26	19.26	0.00	-0.25	-0.29	0.0
16787	171.9	55.9	-31.5	110.7	-52.1	-23.4	0.0208	0.0079	0.0127	12.02	31.50	19.70	0.00	-0.26	-0.29	0.0
16788	192.6	41.6	-31.5	104.0	-49.4	19.9	0.0222	0.0073	0.0127	11.29	34.32	19.68	0.00	-0.23	-0.32	0.0
16789	212.0	28.1	-31.5	94.3	-45.5	17.2	0.0233	0.0067	0.0127	10.97	38.28	20.15	0.00	-0.24	-0.32	0.0
16790	229.4	15.7	-31.6	81.7	-40.5	14.7	0.0244	0.0062	0.0127	10.70	42.28	20.53	0.00	-0.26	-0.31	0.0
16791	244.3	5.1	-31.8	66.6	-34.7	12.7	0.0252	0.0057	0.0127	10.49	46.10	20.83	0.00	-0.26	-0.31	0.0
16792	256.3	-3.1	-32.1	49.4	-28.3	11.3	0.0259	0.0054	0.0127	10.33	49.45	21.06	0.00	-0.27	-0.31	0.0
16793	265.0	-7.6	-32.4	30.6	-21.7	10.5	0.0263	0.0052	0.0127	10.24	51.99	21.23	0.00	-0.28	-0.31	0.0
16794	270.0	-8.9	-32.6	10.7	-15.1	10.4	0.0266	0.0051	0.0127	10.20	53.42	21.34	0.00	-0.28	-0.31	0.0
16859	32.1	169.0	-102.9	82.9	-74.0	65.6	0.0097	0.0137	0.0127	21.84	15.36	16.59	0.00	-0.16	-0.37	0.0
16860	45.3	159.3	-103.9	93.5	-76.8	66.5	0.0109	0.0131	0.0127	19.58	16.27	16.79	0.00	-0.16	-0.38	0.0
16861	61.1	148.6	-105.0	102.8	-79.7	66.5	0.0119	0.0124	0.0127	18.29	17.47	17.08	0.00	-0.16	-0.39	0.0
16862	78.5	136.8	-106.2	110.6	-82.2	65.8	0.0133	0.0117	0.0127	16.67	18.97	17.47	0.00	-0.16	-0.39	0.0
16863	97.5	123.8	-107.3	116.5	-84.2	64.3	0.0148	0.0109	0.0127	15.38	20.84	17.95	0.00	-0.17	-0.40	0.0
16864	117.8	110.0	-108.2	120.3	-85.3	62.2	0.0164	0.0102	0.0127	14.37	23.13	18.52	0.00	-0.18	-0.41	0.0
16865	139.1	95.3	-108.8	121.7	-85.2	59.7	0.0179	0.0094	0.0127	13.58	25.85	19.14	0.00	-0.19	-0.41	0.0
16866	161.0	80.2	-108.9	120.5	-83.6	56.8	0.0194	0.0087	0.0127	12.95	29.02	19.78	0.00	-0.20	-0.42	0.0
16867	182.8	64.9	-108.7	116.3	-80.2	53.8	0.0208	0.0079	0.0127	12.43	32.58	20.38	0.00	-0.22	-0.42	0.0
16868	203.9	49.8	-108.1	108.9	-75.1	50.8	0.0222	0.0073	0.0127	11.99	36.46	20.90	0.00	-0.23	-0.42	0.0
16869	223.6	35.5	-107.5	98.5	-68.3	48.1	0.0233	0.0067	0.0127	11.61	40.52	21.33	0.00	-0.24	-0.42	0.0
16870	241.2	22.5	-107.1	85.2	-59.9	45.9	0.0244	0.0062	0.0127	11.29	44.60	21.66	0.00	-0.25	-0.42	0.0
16871	256.4	11.4	-107.2	69.4	-50.3	44.2	0.0252	0.0057	0.0127	11.03	48.49	21.91	0.00	-0.26	-0.41	0.0
16872	268.7	2.6	-107.9	51.5	-39.9	43.2	0.0259	0.0054	0.0127	10.85	51.90	22.10	0.00	-0.27	-0.41	0.0
16873	277.8	-3.3	-108.8	31.9	-28.9	42.9	0.0263	0.0052	0.0127	10.73	54.51	22.26	0.00	-0.27	-0.41	0.0
16874	283.0	-5.9	-109.5	11.3	-17.8	43.4	0.0266	0.0051	0.0127	10.69	55.97	22.36	0.00	-0.27	-0.41	0.0
16939	36.3	173.8	-208.0	82.2	-83.4	83.9	0.0097	0.0137	0.0127	22.43	15.78	17.05	0.00	-0.17	-0.48	0.0
16940	49.3	164.2	-209.5	92.8	-86.9	83.8	0.0109	0.0131	0.0127	20.06	16.67	17.20	0.00	-0.17	-0.48	0.0
16941	64.8	153.3	-211.1	102.1	-90.5	82.9	0.0119	0.0124	0.0127	18.65	17.81	17.42	0.00	-0.17	-0.49	0.0
16942	81.9	141.0	-212.5	109.6	-93.6	81.0	0.0133	0.0117	0.0127	16.90	19.24	17.72	0.00	-0.17	-0.49	0.0
16943	100.2	127.7	-213.5	115.1	-96.0	78.3	0.0148	0.0109	0.0127	15.50	21.00	18.09	0.00	-0.17	-0.50	0.0
16944	119.8	113.5	-214.0	118.4	-97.4	75.2	0.0164	0.0102	0.0127	14.40	23.18	18.56	0.00	-0.18	-0.51	0.0
16945	140.2	98.8	-213.8	119.4	-97.4	71.5	0.0179	0.0094	0.0127	13.55	25.80	19.10	0.00	-0.19	-0.51	0.0
16946	161.3	83.8	-212.8	117.9	-95.5	67.5	0.0194	0.0087	0.0127	12.89	28.87	19.68	0.00	-0.21	-0.51	0.0
16947	182.3	68.6	-211.1	113.6	-91.6	63.3	0.0208	0.0079	0.0127	12.34	32.35	20.23	0.00	-0.22	-0.51	0.0
16948	202.6	53.8	-209.1	106.2	-85.5	59.3	0.0222	0.0073	0.0127	11.88	36.12	20.71	0.00	-0.23	-0.51	0.0
16949	221.5	39.7	-207.2	95.8	-77.4	55.6	0.0233	0.0067	0.0127	11.48	40.06	21.09	0.00	-0.24	-0.51	0.0
16950	238.3	27.0	-206.0	82.7	-67.5	52.5	0.0244	0.0062	0.0127	11.14	44.01	21.37	0.00	-0.25	-0.50	0.0
16951	252.9	16.2	-206.0	67.1	-56.1	50.3	0.0252	0.0057	0.0127	10.87	47.76	21.58	0.00	-0.26	-0.50	0.0
16952	264.9	7.7	-207.3	49.6	-43.7	48.8	0.0259	0.0054	0.0127	10.68	51.10	21.76	0.00	-0.26	-0.50	0.0
16953	274.0	1.9	-209.4	30.6	-31.3	48.3	0.0263	0.0052	0.0127	10.58	53.73	21.94	0.00	-0.27	-0.50	0.0
16954	279.5	-1.1	-211.4	10.6	-20.2	48.8	0.0266	0.0051	0.0127	10.56	55.28	22.08	0.00	-0.27	-0.50	0.0
17019	35.9	171.5	-318.3	80.7	-83.5	96.5	0.0097	0.0137	0.0127	22.25	15.65	16.91	0.00	-0.18	-0.58	0.0
17020	48.7	161.8	-320.4	91.2	-88.0	95.0	0.0109	0.0131	0.0127	19.83	16.48	17.00	0.00	-0.18	-0.58	0.0
17021	63.8	150.6	-321.9	100.2	-92.3	92.5	0.0119	0.0124	0.0127	18.36	17.53	17.15	0.00	-0.18	-0.59	0.0
17022	80.1	137.9	-322.5	107.1	-95.7	88.9	0.0133	0.0117	0.0127	16.54	18.82	17.33	0.00	-0.18	-0.59	0.0
17023	97.4	124.2	-322.3	111.8	-98.5	84.6	0.0148	0.0109	0.0127	15.06	20.41	17.58	0.00	-0.18	-0.59	0.0
17024	115.7	110.0	-321.3	114.4	-100.3	80.0	0.0164	0.0102	0.0127	13.91	22.38	17.92	0.00	-0.18	-0.59	0.0
17025	134.9	95.6	-319.4	114.9	-100.6	75.1	0.0179	0.0094	0.0127	13.04	24.81	18.37	0.00	-0.19	-0.60	0.0
17026	154.8	80.9	-316.5	113.2	-98.9	69.7	0.0194	0.0087	0.0127	12.37	27.71	18.88	0.00	-0.20	-0.60	0.0
17027	174.8	66.3	-312.8	108.9	-95.0	64.2	0.0208	0.0079	0.0127	11.83	31.02	19.40	0.00	-0.22	-0.59	0.0
17028	194.2	51.9	-309.0	101.8	-88.7	58.8	0.0222	0.0073	0.0127	11.39	34.62	19.85	0.00	-0.23	-0.59	0.0
17029	212.1	38.4	-305.8	91.7	-80.3	53.9	0.0233	0.0067	0.0127	10.99	38.37	20.20	0.00	-0.24	-0.59	0.0
17030	228.1	26.1	-303.7	78.9	-69.8	49.8	0.0244	0.0062	0.0127	10.66	42.10	20.45	0.00	-0.25	-0.58	0.0
17031	242.0	15.7	-303.7	63.8	-57.7	46.8	0.0252	0.0057	0.0127	10.39	45.67	20.64	0.00	-0.25	-0.58	0.0
17032	253.9	7.5	-306.2	46.9	-45.0	44.7	0.0259	0.0054	0.0127	10.23	48.94	20.84	0.00	-0.26	-0.58	0.0
17033	263.8	2.0	-310.9	28.7	-33.8	43.6	0.0263	0.0052	0.0127	10.18	51.72	21.12	0.00	-0.26	-0.59	0.0
17034	270.5	-0.8	-315.3	9.6	-27.2	43.6	0.0266	0.0051	0.0127	10.23	53.57	21.40	0.00	-0.27	-0.59	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
17065	123.5	44.3	-894.6	53.9	366.8	-71.3	0.0511	0.0154	0.0244	4.82	16.03	10.08	0.00	-0.20	-1.27	0.0
17066	124.4	39.2	-910.9	57.4	361.8	-130.2	0.0513	0.0153	0.0244	4.67	15.70	9.80	0.00	-0.18	-1.28	0.0
17195	284.1	385.9	279.2	32.5	807.5	230.2	0.0510	0.0233	0.0244	22.29	48.80	46.48	0.00	-0.78	-1.68	0.0
17196	240.8	409.2	-76.1	-33.1	531.5	164.2	0.0510	0.0233	0.0244	12.93	28.34	26.98	0.00	-0.25	-1.16	0.0
17197	209.2	293.4	-390.7	-49.7	465.0	138.8	0.0510	0.0233	0.0244	9.14	20.04	19.07	0.00	-0.15	-1.13	0.0
17198	189.8	190.7	-639.9	-52.9	475.4	117.3	0.0510	0.0232	0.0244	7.96	17.46	16.61	0.00	-0.20	-1.28	0.0
17199	159.1	85.1	-777.1	56.3	513.9	81.9	0.0510	0.0232	0.0244	8.00	17.58	16.71	0.00	-0.34	-1.42	0.0
17200	259.1	363.3	193.9	52.3	777.2	-202.1	0.0511	0.0232	0.0244	19.98	43.98	41.77	0.00	-0.64	-1.61	0.0
17201	220.6	403.4	-138.0	60.8	510.3	-153.9	0.0511	0.0232	0.0244	11.58	25.51	24.21	0.00	-0.17	-1.12	0.0
17202	189.2	277.7	-444.2	72.3	449.1	-124.9	0.0511	0.0232	0.0244	8.26	18.22	17.29	0.00	-0.12	-1.12	0.0
17203	175.2	180.7	-675.2	76.8	455.9	-121.2	0.0512	0.0232	0.0244	7.35	16.24	15.39	0.00	-0.18	-1.27	0.0
17204	156.0	81.4	-803.4	71.4	496.5	-132.7	0.0512	0.0153	0.0244	7.17	24.03	15.03	0.00	-0.27	-1.40	0.0
17205	280.9	365.1	185.4	-57.7	788.8	218.1	0.0510	0.0233	0.0244	20.43	44.73	42.60	0.00	-0.65	-1.64	0.0
17210	276.3	384.5	174.9	102.4	764.3	245.3	0.0511	0.0232	0.0244	21.09	46.41	44.08	0.00	-0.77	-1.63	0.0
17215	676.2	432.5	177.1	-105.1	737.2	164.0	0.0510	0.0233	0.0244	23.65	51.78	49.31	0.00	-0.73	-1.60	0.0
17220	781.7	461.8	186.6	163.8	708.7	227.6	0.0511	0.0232	0.0244	26.08	57.41	54.52	0.00	-0.94	-1.63	0.0
17225	1256.7	477.1	275.0	-184.2	-624.4	-154.3	0.0510	0.0233	0.0244	30.79	67.43	64.21	0.00	-1.02	-1.68	0.0
17230	1420.5	539.2	285.2	251.6	-631.3	-208.4	0.0511	0.0232	0.0244	34.88	76.77	72.91	0.00	-1.31	-1.79	0.0
17235	1979.4	558.8	557.2	-150.8	-589.2	-159.8	0.0510	0.0233	0.0244	43.11	94.39	89.89	0.00	-1.52	-1.97	0.0
17240	2118.6	602.2	540.6	355.7	-593.8	-198.6	0.0511	0.0232	0.0244	47.10	103.67	98.46	0.00	-1.87	-2.09	0.0
17260	-190.2	-6.6	-845.1	-94.3	-388.4	-126.8	0.0064	0.0154	0.0127	5.89	2.45	2.97	0.00	-0.07	-1.09	0.0
17276	-191.9	-8.3	-857.3	-101.2	-392.1	-134.9	0.0066	0.0153	0.0127	6.22	2.69	3.22	0.00	-0.07	-1.11	0.0
17405	-263.7	18.3	-479.1	-138.3	-608.7	-116.7	0.0064	0.0154	0.0127	39.54	16.35	19.78	0.00	-0.21	-1.27	0.0
17406	-78.9	86.8	-125.4	-84.1	-226.3	-48.2	0.0063	0.0154	0.0127	23.18	9.54	11.55	0.00	-0.06	-0.50	0.0
17407	-3.9	117.5	-62.2	-51.6	-79.4	-26.6	0.0063	0.0154	0.0127	21.63	8.87	10.74	0.00	-0.09	-0.27	0.0
17408	14.4	136.1	-30.6	-32.0	12.6	-17.6	0.0063	0.0154	0.0127	23.26	9.50	11.51	0.00	-0.14	-0.18	0.0
17409	7.3	145.9	-2.5	-19.1	17.7	-15.6	0.0063	0.0154	0.0127	24.00	9.77	11.85	0.00	-0.13	-0.17	0.0
17410	-265.4	16.7	-486.3	-149.2	-611.4	-131.4	0.0065	0.0153	0.0127	38.27	16.35	19.67	0.00	-0.20	-1.28	0.0
17411	-78.2	87.5	-126.8	-90.9	-226.7	-53.2	0.0065	0.0153	0.0127	23.12	9.81	11.81	0.00	-0.06	-0.50	0.0
17412	-2.4	117.2	-62.8	-55.9	-79.3	-27.8	0.0065	0.0153	0.0127	21.58	9.09	10.97	0.00	-0.10	-0.27	0.0
17413	15.8	135.9	-30.9	-35.5	12.8	-17.4	0.0064	0.0153	0.0127	23.00	9.64	11.63	0.00	-0.14	-0.18	0.0
17414	8.3	145.6	-2.5	-22.7	18.4	-15.2	0.0064	0.0154	0.0127	23.65	9.86	11.91	0.00	-0.14	-0.17	0.0
17419	-5.8	187.4	-31.0	-23.4	-26.7	-48.2	0.0063	0.0154	0.0127	31.73	12.91	15.67	0.00	-0.19	-0.26	0.0
17424	-4.8	187.5	-31.3	-28.6	-26.9	-48.9	0.0064	0.0154	0.0127	31.31	13.05	15.77	0.00	-0.19	-0.26	0.0
17429	-2.7	204.8	-113.2	-22.9	-63.2	-74.6	0.0063	0.0154	0.0127	35.34	14.38	17.45	0.00	-0.20	-0.38	0.0
17434	-1.6	205.2	-114.5	-28.5	-63.8	-75.6	0.0064	0.0154	0.0127	34.86	14.53	17.56	0.00	-0.20	-0.38	0.0
17439	1.4	203.4	-229.5	-21.5	-67.7	-93.7	0.0063	0.0154	0.0127	35.55	14.47	17.55	0.00	-0.20	-0.49	0.0
17444	2.5	204.3	-232.3	-27.0	-69.0	-94.5	0.0064	0.0154	0.0127	35.09	14.63	17.67	0.00	-0.20	-0.50	0.0
17449	1.9	195.7	-349.6	-20.7	-60.3	-110.3	0.0063	0.0154	0.0127	34.66	14.11	17.11	0.00	-0.21	-0.60	0.0
17454	3.0	196.9	-353.7	-26.0	-62.2	-110.6	0.0064	0.0154	0.0127	34.24	14.27	17.25	0.00	-0.21	-0.61	0.0
17455	130.1	49.4	-876.7	66.8	374.4	-190.6	0.0516	0.0151	0.0244	4.92	16.84	10.40	0.00	-0.17	-1.29	0.0
17471	142.1	66.5	-864.2	80.2	390.5	-188.2	0.0522	0.0148	0.0244	5.31	18.72	11.34	0.00	-0.17	-1.31	0.0
17487	149.0	61.8	-902.9	104.1	391.0	-190.1	0.0529	0.0145	0.0244	5.42	19.82	11.72	0.00	-0.19	-1.36	0.0
17503	148.7	26.3	-972.6	138.7	380.0	-183.6	0.0537	0.0140	0.0244	5.44	20.80	11.95	0.00	-0.25	-1.42	0.0
17775	139.8	501.2	163.4	128.6	337.9	-658.3	0.0513	0.0231	0.0244	19.99	44.42	41.98	0.00	-0.72	-1.55	0.0
17776	190.3	384.0	-69.4	105.1	267.2	-395.5	0.0514	0.0231	0.0244	12.05	26.81	25.32	0.00	-0.30	-1.05	0.0
17777	218.5	288.1	-241.1	112.1	257.7	-330.5	0.0514	0.0230	0.0244	8.71	19.43	18.32	0.00	-0.12	-0.96	0.0
17778	233.0	207.4	-377.6	119.3	309.3	-302.7	0.0515	0.0230	0.0244	7.07	15.80	14.88	0.00	-0.03	-1.00	0.0
17779	199.7	97.1	-594.1	106.7	554.2	-269.8	0.0515	0.0151	0.0244	9.45	32.18	19.93	0.00	-0.31	-1.44	0.0
17780	60.0	301.0	53.9	68.2	-31.5	-151.8	0.0517	0.0229	0.0244	7.55	17.04	15.97	0.00	-0.35	-0.41	0.0
17781	164.2	271.5	-23.0	85.4	61.6	-116.9	0.0518	0.0229	0.0244	6.49	14.70	13.75	0.00	-0.17	-0.43	0.0
17782	264.1	284.5	-75.3	61.1	110.7	-87.4	0.0518	0.0228	0.0244	6.49	14.73	13.76	0.00	-0.07	-0.47	0.0
17783	310.3	277.1	-135.0	55.7	221.5	-88.4	0.0519	0.0228	0.0244	7.79	17.76	16.56	0.00	-0.11	-0.65	0.0
17784	248.7	150.5	-423.6	108.5	613.5	-172.2	0.0520	0.0149	0.0244	11.76	41.16	25.05	0.00	-0.42	-1.44	0.0
17785	42.4	312.5	65.3	83.6	-35.3	62.7	0.0522	0.0227	0.0244	6.63	15.25	14.15	0.00	-0.25	-0.36	0.0
17786	173.5	293.3	-5.3	98.7	76.6	87.8	0.0523	0.0226	0.0244	7.32	16.92	15.66	0.00	-0.26	-0.42	0.0
17787	296.7	299.6	-67.7	71.9	123.0	51.6	0.0524	0.0226	0.0244	7.70	17.87	16.50	0.00	-0.17	-0.51	0.0
17788	338.3	286.2	-151.4	52.9	229.2	-52.1	0.0525	0.0225	0.0244	8.29	19.35	17.81	0.00	-0.15	-0.69	0.0
17789	263.8	156.7	-459.1	120.7	596.8	-171.9	0.0527	0.0146	0.0244	11.41	41.30	24.60	0.00	-0.40	-1.44	0.0
17790	183.7	525.7	262.3	217.0	256.2	593.7	0.0527	0.0224	0.0244	21.23	49.95	45.78	0.00	-1.04	-1.35	0.0
17791	254.7	365.5	18.0	-125.4	255.7	297.9	0.0529	0.0223	0.0244	10.19	24.13	22.04	0.00	-0.14	-0.84	0.0
17792	314.7	323.1	-162.4	-56.5	241.9	219.4	0.0530	0.0222	0.0244	8.29	19.77	17.98	0.00	-0.06	-0.78	0.0
17793	315.7	234.8	-341.6	65.3	303.0	157.7	0.0532	0.0143	0.0244	9.25	34.43	20.13	0.00	-0.29	-0.97	0.0
17794	243.1	107.4	-629.5	152.5	526.7	-94.3	0.0534	0.0142	0.0244	9.64	36.33	21.09	0.00	-0.41	-1.42	0.0
17795	158.2	523.3	155.8	194.1	417.4	-544.2	0.0513	0.0231	0.0244	18.05	40.11	37.90	0.00	-0.48	-1.46	0.0
17800	11.5	459.8	95.5	131.4	132.5	-269.7	0.0517	0.0229	0.0244	11.77	26.56	24.90	0.00	-0.45	-0.81	0.0
17805	14.9	421.0	120.4	94.8	86.5	93.8	0.0522	0.0227	0.0244	9.15	21.04	19.52	0.00	-0.36	-0.51	0.0
17810	142.9	376.7	160.2	85.7	344.6	480.7	0.0527	0.0224	0.0244	16.63	39.13	35.86	0.00	-0.73	-1.21	0.0
17815	422.4	671.6	104.9	364.7	392.9	457.2	0.0513	0.0231	0.0244	24.33	54.06	51.09	0.00	-1.08	-1.46	0.0
17820	39.9	468.5	-30.6	147.3	166.5	-212.8	0.0517	0.0229	0.0244	10.86	24.50	22.96	0.00	-0.39	-0.82	0.0
17825	37.2	394.3	-32.5	121.9	134.0	61.7	0.0522	0.0227	0.0244	8.69	19.99	18.54	0.00	-0.37	-0.59	0.0
17830	265.6	473.8	47.4	-67.9	348.5	334.8	0.0527	0.0224	0.0244	13.23	31.13	28.53	0.00	-0.28	-1.03	0.0
17835	671.1	802.6	79.3	567.2	341.3	-432.7	0.0513	0.0231	0.0244	25.67	57.04	53.90	0.00	-0.66	-1.74	0.0
17840	-16.0	479.9	-187.4	164.8	171.4	-209.0	0.0517	0.0229	0.0244	10.90	24.60	23.06	0.00	-0.48	-0.94	0.0
17845	-18.5	406.3	-198.6	156.8	145.0	-98.6	0.0522	0.0227	0.0244	8.85	20.37	18.89	0.00	-0.42	-0.78	0.0
17850	434.3	560.1	-16.1	-145.8	318.6	-252.7	0.0527	0.0224	0.0244	15.89	37.40	34.27	0.00	-0.48	-1.05	0.0
17855	1365.2	832.2	334.4	643.5	-436.1	-369.9	0.0513	0.0231	0.0244	38.79	86.19	81.45	0.00	-1.57	-1.86	0.0
17860	771.6	600.0	81.7	290.2	-423.8	-215.3	0.0517	0.0229	0.0244	22.99	51.87	48.62	0.00	-0.80	-1.32	0.0
17865	792.0	572.6	25.3	287.7	-430.0	-154.2	0.0522	0.0227	0.0244	22.32	51.35	47.64	0.00	-0.77	-1.33	0.0
17870	1271.2	754.3	164.0	100.6	-416.6	-233.2	0.0527	0.0224	0.0244	27.57	64.88	59.46	0.00	-0.69	-1.48	0.0
17890	-191.6	-9.8	-875.0	-112.0	-395.4	-147.6	0.0069	0.0151	0.0127	6.89	3.17	3.76	0.00	-0.09	-1.13	0.0
17906	-190.2	-11.5	-898.7	-122.9	-398.8	-164.5	0.0075	0.0148	0.0127	7.25	3.68	4.28	0.00	-0.09	-1.17	0.0
17922	-189.9	-15.9	-924.1	-133.3	-403.7	-182.8	0.0082	0.0145	0.0127	7.17	4.08	4.64	0.00	-0.10	-1.20	0.0
17938	-190.2	-23.9	-951.6	-144.3	-410.9	-202.4	0.0090	0.0140	0.0127	6.85	4.40	4.87	0.00	-0.11	-1.24	0.0
18195	21.9	142.0	-2.0	-48.0	22.8	14.5	0.0080	0.0145	0.0127	19.81	10.94	12.52	0.00	-0.13	-0.18	0.0
18196	34.4	134.0	-32.9	-59.6	15.5	-15.3	0.0082	0.0145	0.0127	20.04	11.33	12.90	0.00	-0.16	-0.20	0.0
18197	18.8	114.7	-67.4	-82.9	-76.8	-35.7	0.0083	0.0144	0.0127	19.50	11.32	12.81	0.00	-0.12	-0.30	0.0
18198	-57.8	85.1	-137.6	-131.2	-220.6	-87.6	0.0085	0.0143	0.0127	20.32	12.15	13.65	0.00	-0.08	-0.55	0.0
18199	-253.9	0.2	-539.1	-215.7	-600.2	-242.1	0.0087	0.0142	0.0127	25.50	15.73	17.55	0.00	-0.13	-1.33	0.0
18200	17.3	143.9	-2.1	-41.5	21.8	-14.7	0.0075	0.0148	0.0127	21.25	10.72	12.50	0.00	-0.14	-0.18	0.0
18201	28.6	136.1	-32.1	-53.8	14.9	-16.5	0.0076	0.0148	0.0127	21.17	10.88	12.64	0.00	-0.15	-0.20	0.0
18202	12.6	117.7	-65.7	-76.8	-76.8	-34.5	0.0077	0.0147	0.0127	20.53	10.77	12.46	0.00	-0.12	-0.29	0.0
18203	-63.0	89.4	-133.5	-121.9	-221.0	-79.3	0.0079	0.0146	0.0127	21.47	11.52	13.26	0.00	-0.08	-0.53	0.0
18204	-256.2	10.1	-522.4	-199.5	-602.2	-212.6	0.0080	0.0146	0.0127	28.82	15.86	18.16	0.00	-0.15	-1.31	0.0
18205	13.4	145.4	-2.2	-34.9	20.5	-15.1	0.0070	0.0151	0.0127	22.33	10.40	12.32	0.00	-0.14	-0.17	0.0
18206	23.3	137.0	-31.6	-47.7	14.0	-17.3	0.0071	0.0150	0.0127	22.12	10.44	12.33	0.00	-0.15	-0.19	0.0
18207	6.4	118.7	-64.5	-70.5	-77.6	-33.0	0.0072	0.0150	0.0127	21.32	10.21	12.02	0.00	-0.11	-0.29	0.0
18208	-69.0	90.9	-130.7	-113.0	-222.9	-71.9	0.0073	0.0149	0.0127	22.44	10.92	12.82	0.00	-0.07	-0.52	0.0
18209	-259.3	15.4	-508.2	-183.4	-605.7	-184.7	0.0074	0.0149	0.0127	32.36	16.03	18.76	0.00	-0.16	-1.30	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
18210	10.3	146.4	-2.2	-28.1	19.3	-15.3	0.0066	0.0152	0.0127	23.27	10.12	12.14	0.00	-0.14	-0.17	0.0
18211	18.8	137.1	-31.0	-41.0	13.3	-17.5	0.0067	0.0152	0.0127	22.81	10.00	11.98	0.00	-0.14	-0.19	0.0
18212	1.0	118.7	-63.4	-63.0	-78.7	-30.5	0.0067	0.0152	0.0127	21.73	9.62	11.50	0.00	-0.10	-0.28	0.0
18213	-74.9	90.2	-128.4	-102.4	-225.5	-62.8	0.0068	0.0152	0.0127	23.08	10.32	12.32	0.00	-0.07	-0.51	0.0
18214	-263.5	16.9	-495.7	-166.7	-610.1	-156.8	0.0068	0.0151	0.0127	35.89	16.24	19.33	0.00	-0.18	-1.29	0.0
18215	9.0	181.0	-33.9	-65.0	-32.1	-50.5	0.0080	0.0145	0.0127	26.02	14.36	16.44	0.00	-0.19	-0.28	0.0
18220	4.0	183.0	-32.8	-55.4	-30.0	-50.8	0.0075	0.0148	0.0127	27.55	13.90	16.20	0.00	-0.19	-0.28	0.0
18225	0.0	184.9	-32.1	-46.0	-28.5	-50.7	0.0070	0.0151	0.0127	29.06	13.54	16.03	0.00	-0.19	-0.27	0.0
18230	-3.0	186.4	-31.6	-36.3	-27.4	-50.2	0.0066	0.0152	0.0127	30.44	13.24	15.88	0.00	-0.19	-0.27	0.0
18235	14.0	202.6	-126.7	-68.5	-72.0	-80.9	0.0080	0.0145	0.0127	29.17	16.10	18.42	0.00	-0.19	-0.42	0.0
18240	8.2	203.9	-122.8	-57.8	-69.3	-80.0	0.0075	0.0148	0.0127	30.83	15.56	18.14	0.00	-0.19	-0.41	0.0
18245	3.6	204.8	-119.5	-47.3	-67.0	-79.0	0.0070	0.0151	0.0127	32.47	15.12	17.91	0.00	-0.20	-0.40	0.0
18250	0.3	205.3	-116.5	-36.7	-65.0	-77.5	0.0066	0.0152	0.0127	33.96	14.77	17.71	0.00	-0.20	-0.39	0.0
18255	19.0	205.6	-256.8	-66.9	-80.8	-98.6	0.0080	0.0145	0.0127	29.62	16.35	18.71	0.00	-0.20	-0.54	0.0
18260	13.0	206.2	-249.4	-56.1	-77.3	-97.9	0.0075	0.0148	0.0127	31.29	15.79	18.41	0.00	-0.20	-0.53	0.0
18265	8.1	206.1	-242.7	-45.5	-74.0	-97.1	0.0070	0.0151	0.0127	32.87	15.31	18.13	0.00	-0.20	-0.52	0.0
18270	4.6	205.3	-236.6	-35.0	-71.0	-96.0	0.0066	0.0152	0.0127	34.26	14.90	17.87	0.00	-0.20	-0.50	0.0
18275	19.2	200.7	-389.7	-65.2	-77.9	-111.0	0.0080	0.0145	0.0127	29.08	16.05	18.36	0.00	-0.21	-0.66	0.0
18280	13.3	200.9	-379.0	-54.6	-73.6	-111.5	0.0075	0.0148	0.0127	30.70	15.49	18.06	0.00	-0.21	-0.65	0.0
18285	8.5	200.1	-369.1	-44.1	-69.3	-111.6	0.0070	0.0151	0.0127	32.20	14.99	17.76	0.00	-0.21	-0.63	0.0
18290	5.1	198.6	-360.0	-33.9	-65.2	-111.4	0.0066	0.0152	0.0127	33.50	14.57	17.47	0.00	-0.21	-0.62	0.0
18295	155.0	-17.1	-1053.0	170.3	360.9	-193.0	0.0544	0.0137	0.0244	5.51	21.92	12.28	0.00	-0.32	-1.50	0.0
18311	151.0	-34.8	-1107.8	204.4	354.1	-268.3	0.0550	0.0134	0.0244	5.55	22.75	12.48	0.00	-0.32	-1.58	0.0
18455	308.7	313.0	250.6	59.6	627.5	231.4	0.0532	0.0222	0.0244	18.26	43.86	39.76	0.00	-0.70	-1.34	0.0
18456	285.0	328.5	-95.6	45.9	408.8	182.4	0.0534	0.0221	0.0244	11.52	27.88	25.17	0.00	-0.33	-1.00	0.0
18457	270.1	245.1	-398.0	50.8	361.7	163.3	0.0536	0.0220	0.0244	9.04	22.07	19.83	0.00	-0.28	-1.06	0.0
18458	247.2	150.7	-657.2	108.2	392.0	113.7	0.0538	0.0140	0.0244	8.53	32.82	18.78	0.00	-0.37	-1.27	0.0
18459	209.2	52.6	-867.3	176.3	447.4	-51.7	0.0541	0.0139	0.0244	7.96	31.06	17.61	0.00	-0.43	-1.47	0.0
18460	283.4	273.1	88.8	56.4	-590.2	243.9	0.0536	0.0220	0.0244	15.13	36.92	33.18	0.00	-0.50	-1.29	0.0
18461	251.4	301.6	-218.4	70.7	369.9	-140.4	0.0538	0.0219	0.0244	8.46	20.82	18.62	0.00	-0.12	-0.91	0.0
18462	221.1	201.6	-513.0	89.0	331.9	-122.4	0.0540	0.0217	0.0244	6.66	16.57	14.73	0.00	-0.14	-1.03	0.0
18463	203.9	115.6	-755.0	156.8	352.7	-158.8	0.0543	0.0137	0.0244	6.73	26.57	14.95	0.00	-0.26	-1.28	0.0
18464	195.2	29.6	-958.6	222.8	410.3	-239.4	0.0546	0.0136	0.0244	7.15	28.74	15.99	0.00	-0.35	-1.55	0.0
18465	277.9	332.1	143.4	57.5	646.7	180.7	0.0532	0.0222	0.0244	17.07	40.98	37.15	0.00	-0.61	-1.36	0.0
18470	316.5	372.3	126.4	136.2	-625.7	316.5	0.0536	0.0220	0.0244	16.41	40.04	35.99	0.00	-0.41	-1.41	0.0
18475	706.8	455.6	129.9	-47.8	-617.3	94.3	0.0532	0.0222	0.0244	20.91	50.21	45.52	0.00	-0.67	-1.38	0.0
18480	964.6	522.3	157.2	225.7	-623.1	327.2	0.0536	0.0220	0.0244	24.38	59.46	53.44	0.00	-0.61	-1.66	0.0
18485	1331.2	584.6	192.3	-114.0	-609.4	77.7	0.0532	0.0222	0.0244	30.34	72.84	66.03	0.00	-1.05	-1.69	0.0
18490	1731.3	722.2	242.1	357.0	-620.7	315.9	0.0536	0.0220	0.0244	37.33	91.06	81.83	0.00	-1.12	-2.18	0.0
18495	2253.9	807.5	343.5	92.2	-598.7	-88.1	0.0532	0.0222	0.0244	45.76	109.87	99.60	0.00	-1.63	-2.27	0.0
18500	2651.7	980.9	347.1	608.3	-592.5	-343.5	0.0536	0.0220	0.0244	56.34	137.42	123.51	0.00	-2.21	-2.87	0.0
18520	-189.2	-33.5	-974.1	-155.9	-416.4	-219.6	0.0097	0.0137	0.0127	6.72	4.78	5.15	0.00	-0.11	-1.28	0.0
18536	-186.3	-38.9	-989.3	-163.6	-419.9	-233.0	0.0103	0.0134	0.0127	6.73	5.17	5.45	0.00	-0.12	-1.30	0.0
18665	-249.9	-11.9	-553.9	-231.5	-596.3	-269.9	0.0094	0.0139	0.0127	22.94	15.58	16.98	0.00	-0.12	-1.35	0.0
18666	-53.7	77.9	-142.4	-141.3	-220.8	-96.7	0.0091	0.0140	0.0127	19.42	12.70	13.97	0.00	-0.09	-0.56	0.0
18667	23.3	109.3	-69.4	-88.8	-77.4	-37.2	0.0089	0.0141	0.0127	18.56	11.73	13.02	0.00	-0.13	-0.30	0.0
18668	39.0	130.1	-33.9	-64.3	15.9	14.8	0.0087	0.0142	0.0127	18.80	11.51	12.87	0.00	-0.15	-0.21	0.0
18669	25.7	138.9	-2.3	-52.7	23.6	16.6	0.0085	0.0143	0.0127	18.79	11.19	12.59	0.00	-0.13	-0.19	0.0
18670	-242.2	-18.8	-563.6	-241.1	-588.2	-289.4	0.0099	0.0136	0.0127	21.07	15.38	16.45	0.00	-0.10	-1.35	0.0
18671	-48.9	73.4	-146.7	-148.9	-220.4	-104.2	0.0096	0.0137	0.0127	18.89	13.22	14.30	0.00	-0.10	-0.57	0.0
18672	27.3	105.8	-71.0	-94.0	-77.9	-38.7	0.0094	0.0139	0.0127	18.07	12.18	13.30	0.00	-0.13	-0.31	0.0
18673	42.9	127.7	-34.6	-68.4	16.0	15.2	0.0091	0.0140	0.0127	18.22	11.86	13.06	0.00	-0.15	-0.21	0.0
18674	29.6	137.0	-2.3	-56.6	25.1	18.5	0.0089	0.0141	0.0127	18.18	11.46	12.72	0.00	-0.13	-0.19	0.0
18679	13.7	179.9	-35.1	-72.2	-34.0	-49.6	0.0085	0.0143	0.0127	24.90	14.83	16.68	0.00	-0.19	-0.29	0.0
18684	18.7	179.3	-35.7	-77.4	-34.8	-49.3	0.0089	0.0141	0.0127	24.18	15.24	16.92	0.00	-0.19	-0.29	0.0
18689	19.5	201.5	-130.2	-76.5	-74.2	-80.7	0.0085	0.0143	0.0127	27.85	16.58	18.66	0.00	-0.19	-0.43	0.0
18694	25.1	200.5	-132.9	-82.2	-75.5	-80.5	0.0089	0.0141	0.0127	26.95	16.99	18.86	0.00	-0.19	-0.43	0.0
18699	24.6	204.5	-263.2	-74.9	-83.6	-98.1	0.0085	0.0143	0.0127	28.26	16.83	18.93	0.00	-0.20	-0.55	0.0
18704	30.3	203.6	-268.2	-80.6	-85.5	-97.7	0.0089	0.0141	0.0127	27.33	17.23	19.13	0.00	-0.20	-0.56	0.0
18709	24.6	199.6	-398.8	-73.1	-81.3	-109.7	0.0085	0.0143	0.0127	27.71	16.50	18.57	0.00	-0.21	-0.67	0.0
18714	30.1	198.6	-405.7	-78.6	-83.7	-108.8	0.0089	0.0141	0.0127	26.77	16.87	18.73	0.00	-0.21	-0.68	0.0
18715	176.5	304.7	51.8	153.7	-336.1	-564.3	0.0543	0.0216	0.0244	16.74	42.15	37.22	0.00	-0.83	-1.36	0.0
18716	244.0	262.0	-134.8	164.3	170.3	-408.2	0.0546	0.0215	0.0244	9.68	24.61	21.61	0.00	-0.22	-0.99	0.0
18717	254.6	182.3	-292.8	204.5	166.7	-388.4	0.0548	0.0135	0.0244	8.45	34.41	18.97	0.00	-0.20	-1.05	0.0
18718	238.2	105.5	-435.7	262.2	222.7	-407.8	0.0551	0.0133	0.0244	8.22	34.02	18.55	0.00	-0.24	-1.21	0.0
18719	162.2	2.2	-787.4	336.8	469.6	-466.4	0.0555	0.0132	0.0244	7.91	33.33	17.95	0.00	-0.26	-1.67	0.0
18720	132.3	147.8	9.8	139.4	-88.6	-144.6	0.0556	0.0210	0.0244	6.46	17.14	14.70	0.00	-0.35	-0.44	0.0
18721	262.4	168.2	-41.0	210.7	-62.7	-102.4	0.0558	0.0130	0.0244	8.19	35.20	18.70	0.00	-0.44	-0.54	0.0
18722	309.0	182.8	-80.1	240.9	58.9	-105.7	0.0561	0.0128	0.0244	8.83	38.58	20.28	0.00	-0.41	-0.66	0.0
18723	275.3	157.6	-154.8	288.3	174.8	-153.4	0.0564	0.0127	0.0244	9.10	40.42	21.00	0.00	-0.40	-0.86	0.0
18724	108.1	15.6	-647.4	385.8	558.6	-396.1	0.0567	0.0125	0.0244	8.65	39.18	20.09	0.00	-0.32	-1.67	0.0
18725	130.2	160.3	5.6	146.6	-71.2	88.4	0.0565	0.0124	0.0127	5.20	23.64	23.12	0.00	-0.18	-0.40	0.0
18726	216.7	134.0	-43.2	198.8	-40.8	-44.5	0.0568	0.0123	0.0127	6.81	31.44	30.43	0.00	-0.41	-0.44	0.0
18727	252.7	151.0	-89.8	239.5	67.1	-69.5	0.0571	0.0122	0.0127	7.83	36.73	35.16	0.00	-0.41	-0.61	0.0
18728	210.6	116.6	-184.8	300.7	197.2	-162.3	0.0574	0.0120	0.0127	8.22	39.24	37.10	0.00	-0.38	-0.89	0.0
18729	36.6	-34.2	-710.9	395.4	567.1	-450.8	0.0577	0.0119	0.0127	7.34	35.75	33.34	0.00	-0.27	-1.71	0.0
18730	141.0	161.3	3.9	153.2	-52.3	69.1	0.0580	0.0117	0.0127	5.27	26.09	24.03	0.00	-0.22	-0.39	0.0
18731	203.4	116.3	-43.2	187.3	-29.1	35.7	0.0582	0.0116	0.0127	6.04	30.40	27.70	0.00	-0.34	-0.44	0.0
18732	223.2	117.1	-90.6	224.6	70.9	-68.6	0.0585	0.0114	0.0127	6.86	35.06	31.58	0.00	-0.38	-0.58	0.0
18733	174.2	75.0	-188.9	287.8	196.5	-179.2	0.0588	0.0113	0.0127	7.13	37.08	32.98	0.00	-0.34	-0.86	0.0
18734	-10.6	-91.9	-740.6	387.5	553.4	-500.4	0.0144	0.0111	0.0127	24.45	31.66	27.77	0.00	-0.20	-1.70	0.0
18735	155.6	147.3	2.6	153.9	-44.6	55.1	0.0595	0.0109	0.0127	5.13	27.91	24.04	0.00	-0.23	-0.38	0.0
18736	201.5	103.6	-44.5	175.1	-23.4	29.1	0.0597	0.0108	0.0127	5.60	30.87	26.31	0.00	-0.33	-0.41	0.0
18737	210.3	87.5	-92.9	207.4	69.2	-70.9	0.0600	0.0107	0.0127	6.09	34.14	28.76	0.00	-0.35	-0.54	0.0
18738	154.6	33.5	-194.3	271.7	189.9	-196.7	0.0156	0.0106	0.0127	23.99	35.37	29.42	0.00	-0.29	-0.84	0.0
18739	-37.0	-152.2	-764.4	375.2	528.9	-551.9	0.0159	0.0104	0.0127	18.32	27.92	22.90	0.00	-0.14	-1.69	0.0
18740	171.6	128.7	2.0	150.8	-39.5	45.2	0.0611	0.0102	0.0127	4.95	29.72	23.80	0.00	-0.24	-0.36	0.0
18741	205.9	89.0	-44.9	163.0	-20.5	23.6	0.0613	0.0101	0.0127	5.23	31.84	25.23	0.00	-0.32	-0.39	0.0
18742	206.9	60.7	-94.0	191.2	65.4	-74.0	0.0168	0.0100	0.0127	20.15	34.03	26.66	0.00	-0.32	-0.52	0.0
18743	148.2	-6.8	-197.1	255.2	178.9	-213.8	0.0171	0.0098	0.0127	19.81	34.39	26.60	0.00	-0.26	-0.81	0.0
18744	-46.5	-211.9	-778.4	360.1	496.6	-600.3	0.0173	0.0097	0.0127	13.93	24.89	18.99	0.00	-0.09	-1.67	0.0
18745	187.6	109.3	1.7	144.9	-35.6	37.7	0.0179	0.0094	0.0127	16.68	31.74	23.50	0.00	-0.25	-0.35	0.0
18746	213.4	74.2	-45.1	151.1	-18.6	18.9	0.0181	0.0093	0.0127	17.14	33.31	24.41	0.00	-0.32	-0.37	0.0
18747	209.3	36.7	-94.6	175.8	60.2	-77.4	0.0183	0.0092	0.0127	17.44	34.64	25.11	0.00	-0.30	-0.50	0.0
18748	150.0	-45.0	-198.8	238.3	165.7	-230.0	0.0185	0.0091	0.0127	16.75	34.08	24.41	0.00	-0.23	-0.80	0.0
18749	-45.1	-270.3	-788.3	342.1	461.2	-647.0	0.0188	0.0090	0.0127	10.81	22.56	15.95	0.00	-0.05	-1.66	0.0
18750	203.6	90.6	1.5	136.8	-32.3	32.0	0.0194	0.0087	0.0127	15.22	34.11	23.24	0.00	-0.25	-0.34	0.0
18751	222.6	60.1	-45.3	139.0	-17.2	14.8	0.0196	0.0086	0.0127	15.46	35.26	23.81	0.00	-0.31	-0.36	0.0
18752	215.3	15.4	-95.0	160.7	54.2	-80.7	0.0197	0.0085	0.0127	15.44	35.89	23.98	0.00	-0.29	-0.49	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
18753	157.3	-80.5	-199.7	220.3	150.7	-245.5	0.0199	0.0084	0.0127	14.49	34.38	22.72	0.00	-0.21	-0.78	0.0
18754	-35.9	-326.0	-794.9	320.1	421.2	-692.5	0.0201	0.0083	0.0127	8.90	21.60	14.10	0.00	-0.03	-1.66	0.0
18755	219.3	73.0	1.3	126.9	-29.1	27.7	0.0208	0.0079	0.0127	14.07	36.88	23.07	0.00	-0.25	-0.33	0.0
18756	232.9	46.8	-45.4	126.5	-16.0	11.4	0.0210	0.0079	0.0127	14.17	37.70	23.38	0.00	-0.31	-0.35	0.0
18757	223.5	-3.2	-95.1	145.2	47.7	-83.8	0.0211	0.0078	0.0127	13.95	37.72	23.17	0.00	-0.28	-0.48	0.0
18758	168.1	-112.5	-200.2	200.6	134.3	-259.6	0.0213	0.0077	0.0127	12.82	35.26	21.45	0.00	-0.19	-0.77	0.0
18759	-21.4	-377.1	-798.6	293.5	377.5	-733.0	0.0214	0.0076	0.0127	8.21	23.01	13.85	0.00	-0.04	-1.68	0.0
18760	234.7	56.9	1.1	115.3	-26.1	24.5	0.0222	0.0073	0.0127	13.18	40.07	22.97	0.00	-0.26	-0.33	0.0
18761	243.9	34.6	-45.5	113.2	-15.0	8.7	0.0223	0.0072	0.0127	13.19	40.61	23.11	0.00	-0.30	-0.34	0.0
18762	233.2	-19.4	-95.2	129.1	40.8	-86.5	0.0224	0.0072	0.0127	12.85	40.08	22.63	0.00	-0.28	-0.47	0.0
18763	181.0	-140.8	-200.4	178.9	117.0	-271.9	0.0225	0.0071	0.0127	11.59	36.65	20.52	0.00	-0.18	-0.77	0.0
18764	-4.0	-423.2	-800.9	262.4	330.9	-769.1	0.0226	0.0070	0.0127	7.95	25.54	14.16	0.00	-0.07	-1.70	0.0
18765	249.5	42.6	0.9	101.9	-23.0	22.3	0.0233	0.0067	0.0127	12.50	43.62	22.96	0.00	-0.26	-0.32	0.0
18766	255.1	23.7	-45.6	99.0	-13.8	6.5	0.0234	0.0066	0.0127	12.47	43.92	22.98	0.00	-0.30	-0.34	0.0
18767	243.6	-33.2	-95.3	112.1	33.6	-88.8	0.0235	0.0066	0.0127	12.05	42.89	22.30	0.00	-0.27	-0.46	0.0
18768	194.6	-165.1	-200.5	155.1	98.6	-282.5	0.0236	0.0066	0.0127	10.69	38.47	19.86	0.00	-0.16	-0.76	0.0
18769	14.4	-463.2	-802.3	226.8	281.2	-800.2	0.0237	0.0065	0.0127	7.81	28.44	14.57	0.00	-0.09	-1.72	0.0
18770	263.3	30.1	0.7	86.9	-19.8	21.5	0.0244	0.0062	0.0127	12.00	47.41	23.03	0.00	-0.27	-0.32	0.0
18771	266.1	14.3	-45.7	83.9	-12.5	4.8	0.0244	0.0061	0.0127	11.94	47.49	22.96	0.00	-0.30	-0.34	0.0
18772	254.0	-44.7	-95.4	94.2	26.2	-90.6	0.0245	0.0061	0.0127	11.48	46.00	22.13	0.00	-0.27	-0.46	0.0
18773	207.9	-185.0	-200.5	129.4	79.4	-291.2	0.0246	0.0061	0.0127	10.05	40.60	19.43	0.00	-0.16	-0.76	0.0
18774	32.0	-496.4	-802.9	187.4	228.7	-825.6	0.0246	0.0060	0.0127	7.72	31.43	14.96	0.00	-0.10	-1.73	0.0
18775	275.6	19.8	0.4	70.2	-16.3	22.8	0.0252	0.0057	0.0127	11.65	51.19	23.13	0.00	-0.27	-0.32	0.0
18776	276.1	6.6	-45.9	67.8	-11.0	3.6	0.0253	0.0057	0.0127	11.57	51.08	23.01	0.00	-0.30	-0.34	0.0
18777	263.5	-53.6	-95.4	75.5	18.7	-91.8	0.0253	0.0057	0.0127	11.09	49.17	22.08	0.00	-0.27	-0.46	0.0
18778	219.9	-200.4	-200.4	102.2	59.6	-297.7	0.0254	0.0057	0.0127	9.61	42.85	19.18	0.00	-0.15	-0.76	0.0
18779	47.5	-522.0	-802.9	145.2	174.0	-844.9	0.0254	0.0057	0.0127	7.64	34.25	15.27	0.00	-0.11	-1.75	0.0
18780	285.8	11.8	0.2	52.1	-12.7	24.4	0.0259	0.0054	0.0127	11.41	54.61	23.26	0.00	-0.27	-0.32	0.0
18781	284.6	0.9	-46.1	50.9	-9.0	2.9	0.0259	0.0054	0.0127	11.33	54.34	23.11	0.00	-0.30	-0.34	0.0
18782	271.6	-59.8	-95.5	56.2	11.3	-92.4	0.0259	0.0054	0.0127	10.83	52.07	22.10	0.00	-0.27	-0.46	0.0
18783	229.6	-211.0	-200.2	73.9	39.6	-301.9	0.0260	0.0054	0.0127	9.32	44.95	19.04	0.00	-0.15	-0.76	0.0
18784	59.7	-539.4	-802.0	101.3	117.8	-857.6	0.0260	0.0054	0.0127	7.58	36.65	15.49	0.00	-0.12	-1.75	0.0
18785	292.9	6.5	-0.1	32.9	-9.3	25.5	0.0263	0.0052	0.0127	11.26	57.20	23.36	0.00	-0.27	-0.32	0.0
18786	290.7	-2.6	-46.3	33.5	-6.8	2.7	0.0264	0.0052	0.0127	11.18	56.81	23.18	0.00	-0.30	-0.34	0.0
18787	277.3	-63.4	-95.4	36.6	4.0	-92.4	0.0264	0.0052	0.0127	10.67	54.28	22.13	0.00	-0.27	-0.46	0.0
18788	236.1	-216.7	-199.8	45.3	20.1	-303.7	0.0264	0.0052	0.0127	9.14	46.55	18.97	0.00	-0.15	-0.76	0.0
18789	67.8	-548.2	-800.0	56.5	61.4	-863.2	0.0264	0.0052	0.0127	7.52	38.33	15.60	0.00	-0.13	-1.75	0.0
18790	296.4	4.1	-0.3	13.2	-7.1	26.0	0.0266	0.0051	0.0127	11.18	58.54	23.38	0.00	-0.27	-0.32	0.0
18791	293.7	-4.1	-46.3	16.2	-5.1	2.8	0.0266	0.0051	0.0127	11.09	58.06	23.19	0.00	-0.30	-0.34	0.0
18792	280.0	-64.5	-95.2	-17.5	-3.5	-91.7	0.0266	0.0051	0.0127	10.57	55.35	22.10	0.00	-0.27	-0.45	0.0
18793	238.9	-217.7	-199.1	-23.6	-3.4	-303.0	0.0266	0.0051	0.0127	9.06	47.45	18.94	0.00	-0.15	-0.75	0.0
18794	71.2	-548.5	-797.0	-33.7	-7.2	-862.0	0.0266	0.0051	0.0127	7.58	39.70	15.85	0.00	-0.13	-1.75	0.0
18795	229.4	406.5	72.6	267.0	-395.7	-551.8	0.0543	0.0216	0.0244	19.59	49.31	43.55	0.00	-1.03	-1.46	0.0
18800	65.3	261.9	-2.8	163.7	-179.0	-388.9	0.0556	0.0210	0.0244	11.50	30.48	26.15	0.00	-0.66	-0.93	0.0
18805	69.2	170.0	-25.3	116.0	136.0	-213.7	0.0565	0.0124	0.0127	5.49	24.99	24.44	0.00	-0.15	-0.57	0.0
18810	89.9	140.7	-32.9	129.8	115.4	-135.5	0.0580	0.0117	0.0127	4.37	21.64	19.92	0.00	-0.11	-0.45	0.0
18815	119.4	140.8	-38.4	148.7	102.3	-96.6	0.0595	0.0109	0.0127	4.69	25.51	21.97	0.00	-0.17	-0.45	0.0
18820	148.7	128.9	-41.3	159.0	89.5	-74.9	0.0611	0.0102	0.0127	4.89	29.36	23.51	0.00	-0.21	-0.45	0.0
18825	177.2	111.2	-43.1	162.1	77.2	-61.2	0.0179	0.0094	0.0127	17.37	33.05	24.47	0.00	-0.25	-0.44	0.0
18830	204.7	91.1	-44.4	159.7	65.4	-51.9	0.0194	0.0087	0.0127	16.44	36.83	25.10	0.00	-0.27	-0.43	0.0
18835	231.0	70.4	-45.7	152.7	54.2	-45.1	0.0208	0.0079	0.0127	15.59	40.85	25.55	0.00	-0.29	-0.43	0.0
18840	255.9	50.2	-46.8	141.5	43.6	-39.8	0.0222	0.0073	0.0127	14.86	45.18	25.90	0.00	-0.31	-0.42	0.0
18845	278.8	31.6	-48.0	126.7	33.5	-35.5	0.0233	0.0067	0.0127	14.26	49.77	26.20	0.00	-0.32	-0.42	0.0
18850	299.3	15.0	-49.2	108.5	24.0	-32.0	0.0244	0.0062	0.0127	13.80	54.51	26.47	0.00	-0.33	-0.41	0.0
18855	316.7	1.2	-50.6	87.5	-20.7	-29.0	0.0252	0.0057	0.0127	13.52	59.42	26.85	0.00	-0.35	-0.41	0.0
18860	330.4	-9.1	-52.0	64.1	-17.2	-26.5	0.0259	0.0054	0.0127	13.25	63.42	27.01	0.00	-0.35	-0.41	0.0
18865	339.7	-14.7	-53.3	39.0	-13.3	-24.6	0.0263	0.0052	0.0127	13.08	66.40	27.11	0.00	-0.35	-0.41	0.0
18870	344.0	-16.5	-54.2	12.8	-12.0	-23.3	0.0266	0.0051	0.0127	12.98	67.95	27.14	0.00	-0.35	-0.41	0.0
18875	562.4	621.7	54.1	471.3	-375.5	-510.4	0.0543	0.0216	0.0244	25.15	63.33	55.93	0.00	-1.24	-1.63	0.0
18880	103.2	372.9	-105.2	225.8	227.7	-399.1	0.0556	0.0210	0.0244	11.09	29.40	25.22	0.00	-0.37	-1.11	0.0
18885	119.2	254.4	-141.5	175.6	208.4	-294.1	0.0565	0.0124	0.0127	7.54	34.32	33.57	0.00	-0.19	-0.86	0.0
18890	104.4	191.2	-163.1	150.0	183.8	-208.2	0.0580	0.0117	0.0127	5.46	27.04	24.90	0.00	-0.13	-0.69	0.0
18895	117.8	156.6	-172.9	144.4	166.5	-158.9	0.0595	0.0109	0.0127	4.76	25.87	22.28	0.00	-0.13	-0.62	0.0
18900	146.0	138.9	-178.3	152.9	148.7	-130.8	0.0611	0.0102	0.0127	4.85	29.09	23.29	0.00	-0.18	-0.61	0.0
18905	177.1	122.0	-181.4	158.4	130.8	-113.9	0.0179	0.0094	0.0127	17.43	33.18	24.57	0.00	-0.22	-0.60	0.0
18910	208.0	103.1	-183.7	158.6	113.2	-103.3	0.0194	0.0087	0.0127	16.74	37.50	25.55	0.00	-0.25	-0.60	0.0
18915	237.7	83.0	-185.6	153.5	96.0	-96.1	0.0208	0.0079	0.0127	16.05	42.06	26.30	0.00	-0.28	-0.59	0.0
18920	265.6	62.9	-187.3	143.6	79.3	-90.9	0.0222	0.0073	0.0127	15.42	46.89	26.89	0.00	-0.30	-0.59	0.0
18925	291.1	43.9	-189.2	129.4	63.0	-86.7	0.0233	0.0067	0.0127	14.89	51.95	27.35	0.00	-0.31	-0.59	0.0
18930	313.5	26.8	-191.3	111.3	47.1	-83.2	0.0244	0.0062	0.0127	14.45	57.08	27.72	0.00	-0.32	-0.58	0.0
18935	332.5	12.3	-193.9	89.9	31.8	-80.2	0.0252	0.0057	0.0127	14.11	62.03	28.03	0.00	-0.33	-0.58	0.0
18940	347.4	1.2	-196.9	65.9	-19.4	-77.4	0.0259	0.0054	0.0127	13.96	66.79	28.45	0.00	-0.35	-0.59	0.0
18945	357.6	-6.1	-199.8	40.0	-15.6	-75.0	0.0263	0.0052	0.0127	13.78	69.96	28.56	0.00	-0.35	-0.59	0.0
18950	362.5	-9.3	-201.5	13.0	-10.9	-73.1	0.0266	0.0051	0.0127	13.67	71.58	28.59	0.00	-0.35	-0.59	0.0
18955	952.7	849.8	40.4	723.8	-366.3	-505.6	0.0543	0.0216	0.0244	33.80	85.11	75.17	0.00	-1.63	-2.04	0.0
18960	133.1	464.5	-242.6	282.6	241.5	-376.2	0.0556	0.0210	0.0244	12.35	32.75	28.09	0.00	-0.45	-1.26	0.0
18965	162.2	310.1	-308.5	213.0	235.8	-299.7	0.0565	0.0124	0.0127	8.56	38.97	38.11	0.00	-0.25	-1.04	0.0
18970	139.2	233.1	-342.1	181.8	213.6	-232.8	0.0580	0.0117	0.0127	6.55	32.47	29.90	0.00	-0.20	-0.91	0.0
18975	145.9	185.7	-354.9	165.0	194.8	-183.4	0.0595	0.0109	0.0127	5.58	30.34	26.13	0.00	-0.19	-0.83	0.0
18980	159.6	154.2	-361.0	158.1	175.1	-151.6	0.0611	0.0102	0.0127	5.17	31.02	24.84	0.00	-0.20	-0.79	0.0
18985	181.7	130.8	-364.5	155.8	155.2	-131.3	0.0179	0.0094	0.0127	17.65	33.59	24.87	0.00	-0.23	-0.77	0.0
18990	208.0	110.0	-366.9	153.3	135.4	-118.1	0.0194	0.0087	0.0127	16.63	37.25	25.39	0.00	-0.25	-0.76	0.0
18995	235.4	89.8	-368.9	147.7	116.2	-108.9	0.0208	0.0079	0.0127	15.84	41.52	25.97	0.00	-0.28	-0.76	0.0
19000	261.9	70.2	-370.6	138.1	97.2	-102.0	0.0222	0.0073	0.0127	15.19	46.18	26.47	0.00	-0.29	-0.75	0.0
19005	286.2	51.6	-372.6	124.4	78.5	-96.5	0.0233	0.0067	0.0127	14.63	51.06	26.88	0.00	-0.31	-0.75	0.0
19010	307.6	34.9	-375.1	107.0	59.7	-92.0	0.0244	0.0062	0.0127	14.17	56.00	27.19	0.00	-0.32	-0.75	0.0
19015	325.7	20.7	-378.9	86.4	41.3	-88.1	0.0252	0.0057	0.0127	13.82	60.75	27.45	0.00	-0.33	-0.75	0.0
19020	340.1	9.7	-383.9	63.3	-29.0	-84.6	0.0259	0.0054	0.0127	13.69	65.49	27.89	0.00	-0.34	-0.76	0.0
19025	350.4	2.3	-389.0	38.5	-24.6	-81.6	0.0263	0.0052	0.0127	13.52	68.63	28.02	0.00	-0.34	-0.76	0.0
19030	355.5	-1.4	-392.1	12.7	-18.9	-79.1	0.0266	0.0051	0.0127	13.42	70.26	28.06	0.00	-0.34	-0.76	0.0
19035	1399.9	1110.5	34.5	1019.9	-346.5	-498.0	0.0543	0.0216	0.0244	44.73	112.61	99.45	0.00	-2.15	-2.59	0.0
19040	145.6	533.5	-385.1	325.2	248.6	-348.9	0.0556	0.0210	0.0244	13.54	35.91	30.80	0.00	-0.56	-1.41	0.0
19045	187.5	342.5	-476.6	236.4	245.6	-282.4	0.0565	0.0124	0.0127	9.26	42.11	41.19	0.00	-0.32	-1.20	0.0
19050	157.9	255.8	-517.0	202.6	224.4	-229.8	0.0580	0.0117	0.0127	7.20	35.70	32.88	0.00	-0.27	-1.09	0.0
19055	164.7	202.5	-530.0	182.4	205.8	-186.5	0.0595	0.0109	0.0127	6.17	33.52	28.87	0.00	-0.25	-1.02	0.0
19060	175.8	165.7	-535.7	171.4	185.6	-154.6	0.0611	0.0102	0.0127	5.62	33.72	27.00	0.00	-0.25	-0.97	0.0
19065	193.5	137.5	-538.9	163.9	165.4	-132.4	0.0179	0.0094	0.0127	18.65	35.50	26.28	0.00	-0.26	-0.95	0.0
19070	214.6	113.5	-541.3	156.9	145.7	-116.9	0.0194	0.0087	0.0127	17.11	38.33	26.13	0.00	-0.28	-0.93	0.0
19075	237.4	91.4	-543.1	148.4	126.6	-105.6	0.0208	0.0079	0.0127	15.99	41.91	26.21	0.00	-0.29	-0.92	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
19080	260.0	70.9	-544.8	137.0	107.7	-96.9	0.0222	0.0073	0.0127	15.12	45.96	26.35	0.00	-0.30	-0.91	0.0
19085	280.7	51.9	-546.6	122.2	88.6	-89.8	0.0233	0.0067	0.0127	14.40	50.25	26.45	0.00	-0.31	-0.91	0.0
19090	298.8	35.1	-549.3	104.2	69.2	-84.0	0.0244	0.0062	0.0127	13.81	54.55	26.49	0.00	-0.32	-0.91	0.0
19095	313.8	21.0	-554.2	83.5	49.4	-79.2	0.0252	0.0057	0.0127	13.34	58.65	26.50	0.00	-0.32	-0.91	0.0
19100	326.2	10.0	-562.1	60.9	-42.3	-75.2	0.0259	0.0054	0.0127	13.16	62.99	26.83	0.00	-0.33	-0.91	0.0
19105	335.8	2.7	-571.5	37.0	-38.1	-71.8	0.0263	0.0052	0.0127	12.99	65.95	26.93	0.00	-0.34	-0.92	0.0
19110	340.8	-0.8	-577.9	12.6	-31.0	-69.0	0.0266	0.0051	0.0127	12.89	67.49	26.95	0.00	-0.34	-0.93	0.0
19123	-70.1	-42.1	-1176.0	-122.7	-287.3	-199.4	0.0143	0.0114	0.0127	4.89	6.11	5.49	0.00	-0.14	-1.36	0.0
19174	30.0	-333.7	-1342.6	-49.4	-83.3	-489.9	0.0266	0.0051	0.0127	1.39	7.29	2.91	0.00	-0.17	-1.58	0.0
19175	25.0	-324.1	-1332.4	-74.0	-120.1	-480.9	0.0264	0.0052	0.0127	1.55	7.86	3.21	0.00	-0.18	-1.58	0.0
19176	16.9	-311.3	-1320.2	-97.2	-155.5	-471.1	0.0259	0.0054	0.0127	1.71	8.24	3.50	0.00	-0.18	-1.57	0.0
19177	5.9	-295.6	-1306.3	-118.5	-189.4	-460.4	0.0253	0.0057	0.0127	1.90	8.43	3.78	0.00	-0.18	-1.56	0.0
19178	-7.6	-277.3	-1290.7	-137.8	-221.4	-449.1	0.0245	0.0061	0.0127	2.10	8.46	4.06	0.00	-0.17	-1.56	0.0
19179	-23.3	-256.8	-1273.5	-154.7	-251.4	-437.5	0.0236	0.0066	0.0127	2.34	8.37	4.33	0.00	-0.17	-1.55	0.0
19180	-40.8	-234.7	-1254.6	-169.3	-279.7	-425.8	0.0225	0.0071	0.0127	2.60	8.22	4.61	0.00	-0.17	-1.54	0.0
19181	-59.7	-211.5	-1233.5	-181.4	-306.4	-414.3	0.0213	0.0077	0.0127	2.92	8.03	4.89	0.00	-0.16	-1.53	0.0
19182	-79.5	-187.6	-1209.9	-191.2	-332.0	-402.8	0.0200	0.0084	0.0127	3.30	7.87	5.19	0.00	-0.16	-1.52	0.0
19183	-99.9	-164.0	-1183.0	-198.9	-357.8	-391.9	0.0186	0.0091	0.0127	3.77	7.73	5.51	0.00	-0.15	-1.51	0.0
19184	-183.9	-47.4	-1010.1	-174.0	-429.7	-251.5	0.0112	0.0130	0.0127	6.63	5.70	5.82	0.00	-0.12	-1.34	0.0
19185	-178.3	-62.3	-1036.3	-187.7	-437.9	-281.9	0.0124	0.0124	0.0127	6.37	6.36	6.20	0.00	-0.13	-1.39	0.0
19186	-170.6	-79.9	-1060.4	-199.7	-442.4	-315.5	0.0132	0.0117	0.0127	6.16	6.95	6.42	0.00	-0.12	-1.43	0.0
19192	-94.0	-50.2	-1163.0	-133.9	-302.4	-210.0	0.0138	0.0116	0.0127	4.73	5.61	5.14	0.00	-0.15	-1.35	0.0
19193	-120.0	-141.6	-1154.3	-204.5	-384.2	-381.1	0.0172	0.0097	0.0127	4.32	7.64	5.86	0.00	-0.14	-1.50	0.0
19196	-138.7	-119.8	-1123.9	-206.4	-405.9	-366.3	0.0159	0.0104	0.0127	4.90	7.47	6.13	0.00	-0.13	-1.48	0.0
19199	-156.3	-99.5	-1089.7	-206.1	-427.2	-349.9	0.0145	0.0111	0.0127	5.56	7.29	6.36	0.00	-0.13	-1.46	0.0
19201	-87.4	-58.9	-1182.1	-137.1	-303.2	-216.5	0.0143	0.0112	0.0127	4.68	5.98	5.28	0.00	-0.15	-1.38	0.0
19210	28.8	43.8	-1140.2	-76.4	-233.9	-180.3	0.0143	0.0114	0.0127	7.98	9.97	8.96	0.00	-0.08	-1.33	0.0
19279	28.8	50.2	-1104.2	-75.3	-253.3	-195.9	0.0138	0.0116	0.0127	8.40	9.98	9.14	0.00	-0.06	-1.31	0.0
19288	35.5	46.5	-1119.9	-76.8	-253.5	-201.6	0.0143	0.0112	0.0127	8.32	10.64	9.37	0.00	-0.07	-1.33	0.0
19297	95.4	109.6	-1088.1	-58.1	-223.0	-196.6	0.0143	0.0114	0.0127	11.28	14.10	12.67	0.00	-0.04	-1.32	0.0
19366	93.7	114.6	-1034.4	-59.2	-244.5	-213.2	0.0138	0.0116	0.0127	11.89	14.12	12.94	0.00	-0.03	-1.29	0.0
19375	101.1	113.2	-1046.9	-60.8	-243.3	-219.8	0.0143	0.0112	0.0127	11.75	15.02	13.24	0.00	-0.03	-1.31	0.0
19384	135.7	149.4	-1030.5	-66.1	-210.7	-208.6	0.0143	0.0114	0.0127	14.67	18.33	16.47	0.00	-0.06	-1.31	0.0
19453	126.5	151.8	-976.3	-69.0	-226.5	-220.7	0.0138	0.0116	0.0127	15.23	18.09	16.57	0.00	-0.05	-1.28	0.0
19462	135.0	150.0	-986.6	-71.4	-224.8	-226.2	0.0143	0.0112	0.0127	15.00	19.18	16.91	0.00	-0.06	-1.29	0.0
19471	169.8	168.8	-976.4	-84.4	-197.2	-213.9	0.0143	0.0114	0.0127	17.79	22.23	19.98	0.00	-0.09	-1.30	0.0
19540	156.8	170.2	-928.7	-86.0	-210.7	-224.1	0.0138	0.0116	0.0127	18.12	21.51	19.71	0.00	-0.09	-1.27	0.0
19549	166.2	167.0	-937.3	-88.9	-208.2	-228.1	0.0143	0.0112	0.0127	17.86	22.84	20.13	0.00	-0.09	-1.28	0.0
19550	37.3	137.2	-1.7	-65.5	25.8	18.9	0.0097	0.0137	0.0127	17.58	12.37	13.36	0.00	-0.14	-0.20	0.0
19551	49.7	131.9	-1.7	-76.3	27.3	20.2	0.0109	0.0131	0.0127	16.29	13.54	13.96	0.00	-0.14	-0.21	0.0
19552	65.3	125.6	-1.7	-86.3	29.1	21.7	0.0119	0.0124	0.0127	15.74	15.03	14.70	0.00	-0.15	-0.22	0.0
19553	83.0	118.4	-1.5	-95.2	30.5	23.0	0.0133	0.0117	0.0127	14.83	16.88	15.54	0.00	-0.16	-0.23	0.0
19554	102.6	110.0	-1.3	-102.5	31.5	24.0	0.0148	0.0109	0.0127	14.09	19.09	16.44	0.00	-0.17	-0.25	0.0
19555	123.9	100.2	-1.1	-107.7	31.9	24.6	0.0164	0.0102	0.0127	13.48	21.69	17.37	0.00	-0.18	-0.26	0.0
19556	146.3	89.1	-0.9	-110.5	31.8	24.7	0.0179	0.0094	0.0127	12.97	24.68	18.27	0.00	-0.19	-0.27	0.0
19557	169.1	76.9	-0.7	-110.3	31.1	24.4	0.0194	0.0087	0.0127	12.53	28.08	19.14	0.00	-0.20	-0.28	0.0
19558	191.8	64.2	-0.5	-107.0	29.8	23.9	0.0208	0.0079	0.0127	12.16	31.88	19.94	0.00	-0.22	-0.29	0.0
19559	213.7	51.4	-0.4	-100.5	28.0	23.1	0.0222	0.0073	0.0127	11.85	36.04	20.66	0.00	-0.23	-0.29	0.0
19560	234.1	39.2	-0.2	-90.9	25.6	22.4	0.0233	0.0067	0.0127	11.60	40.48	21.31	0.00	-0.24	-0.30	0.0
19561	252.5	28.1	-0.2	-78.5	22.7	22.0	0.0244	0.0062	0.0127	11.40	45.05	21.88	0.00	-0.25	-0.30	0.0
19562	268.4	18.6	-0.2	-63.6	19.3	22.4	0.0252	0.0057	0.0127	11.26	49.50	22.37	0.00	-0.26	-0.31	0.0
19563	281.3	11.3	-0.3	-46.6	15.3	23.6	0.0259	0.0054	0.0127	11.18	53.48	22.78	0.00	-0.26	-0.31	0.0
19564	290.5	6.5	-0.3	-28.0	10.8	24.9	0.0263	0.0052	0.0127	11.14	56.56	23.09	0.00	-0.27	-0.32	0.0
19565	295.7	4.2	-0.4	-9.7	-6.1	25.8	0.0266	0.0051	0.0127	11.14	58.35	23.30	0.00	-0.27	-0.32	0.0
19566	51.6	126.6	-35.2	-76.3	15.7	14.5	0.0099	0.0136	0.0127	17.59	12.80	13.70	0.00	-0.16	-0.22	0.0
19567	65.8	119.4	-36.5	-85.9	16.6	13.9	0.0111	0.0130	0.0127	16.38	14.06	14.37	0.00	-0.17	-0.23	0.0
19568	82.4	111.5	-37.5	-94.1	17.4	13.9	0.0121	0.0123	0.0127	15.85	15.62	15.12	0.00	-0.18	-0.24	0.0
19569	100.8	102.7	-38.5	-100.9	17.8	14.0	0.0136	0.0116	0.0127	14.94	17.50	15.94	0.00	-0.19	-0.25	0.0
19570	120.4	92.9	-39.4	-105.8	18.0	13.8	0.0151	0.0108	0.0127	14.17	19.71	16.80	0.00	-0.20	-0.26	0.0
19571	141.1	82.2	-40.2	-108.6	17.7	13.3	0.0166	0.0101	0.0127	13.53	22.28	17.65	0.00	-0.22	-0.27	0.0
19572	162.2	70.9	-41.0	-108.9	17.1	12.6	0.0181	0.0093	0.0127	12.98	25.21	18.48	0.00	-0.23	-0.28	0.0
19573	183.2	59.1	-41.8	-106.6	-16.2	11.6	0.0196	0.0086	0.0127	12.56	28.66	19.35	0.00	-0.25	-0.29	0.0
19574	203.5	47.3	-42.4	-101.6	-15.8	10.3	0.0210	0.0079	0.0127	12.15	32.33	20.05	0.00	-0.26	-0.30	0.0
19575	222.8	35.9	-43.1	-94.0	-15.1	8.9	0.0223	0.0072	0.0127	11.81	36.35	20.69	0.00	-0.27	-0.31	0.0
19576	240.6	25.4	-43.6	-83.9	-13.9	7.4	0.0234	0.0066	0.0127	11.53	40.64	21.26	0.00	-0.27	-0.31	0.0
19577	256.5	16.2	-44.2	-71.7	-12.5	6.0	0.0244	0.0061	0.0127	11.33	45.05	21.78	0.00	-0.28	-0.32	0.0
19578	270.1	8.5	-44.8	-57.8	-10.8	4.7	0.0253	0.0057	0.0127	11.18	49.37	22.24	0.00	-0.29	-0.33	0.0
19579	281.0	2.7	-45.3	-42.9	-9.1	3.8	0.0259	0.0054	0.0127	11.10	53.24	22.64	0.00	-0.29	-0.33	0.0
19580	288.8	-1.4	-45.8	-28.6	-7.4	3.3	0.0264	0.0052	0.0127	11.07	56.27	22.96	0.00	-0.30	-0.34	0.0
19581	293.1	-3.6	-46.2	-17.9	-5.9	3.0	0.0266	0.0051	0.0127	11.07	57.99	23.16	0.00	-0.30	-0.34	0.0
19582	36.9	103.4	-72.6	-102.2	-77.7	-43.0	0.0102	0.0135	0.0127	17.53	13.23	14.02	0.00	-0.14	-0.32	0.0
19583	52.7	94.6	-74.8	-111.4	-74.9	-47.1	0.0114	0.0128	0.0127	16.43	14.60	14.76	0.00	-0.16	-0.33	0.0
19584	70.5	84.5	-76.7	-118.9	-72.1	-50.1	0.0124	0.0122	0.0127	15.92	16.22	15.53	0.00	-0.17	-0.35	0.0
19585	89.6	72.9	-78.6	-124.8	-69.4	-53.1	0.0138	0.0114	0.0127	14.97	18.09	16.29	0.00	-0.18	-0.36	0.0
19586	109.8	59.8	-80.4	-128.5	-66.6	-56.2	0.0153	0.0107	0.0127	14.15	20.24	17.05	0.00	-0.19	-0.37	0.0
19587	130.7	45.7	-82.2	-129.9	-63.6	-59.4	0.0168	0.0100	0.0127	13.43	22.69	17.77	0.00	-0.20	-0.38	0.0
19588	151.7	31.0	-83.9	-128.8	-60.3	-62.8	0.0183	0.0092	0.0127	12.82	25.46	18.46	0.00	-0.22	-0.39	0.0
19589	172.3	16.2	-85.6	-125.0	-56.7	-66.2	0.0197	0.0085	0.0127	12.29	28.57	19.09	0.00	-0.23	-0.40	0.0
19590	192.2	1.7	-87.1	-118.5	-52.5	-69.8	0.0211	0.0078	0.0127	11.84	32.01	19.66	0.00	-0.23	-0.41	0.0
19591	211.0	-12.1	-88.4	-109.5	-47.7	-73.3	0.0224	0.0072	0.0127	11.47	35.76	20.19	0.00	-0.24	-0.42	0.0
19592	228.2	-24.7	-89.7	-98.3	-42.5	-76.8	0.0235	0.0066	0.0127	11.17	39.74	20.66	0.00	-0.25	-0.42	0.0
19593	243.5	-36.1	-90.9	-85.2	-36.7	-80.1	0.0245	0.0061	0.0127	10.94	43.83	21.09	0.00	-0.26	-0.43	0.0
19594	256.6	-45.7	-92.0	-71.1	-30.4	-83.3	0.0253	0.0057	0.0127	10.78	47.82	21.48	0.00	-0.26	-0.44	0.0
19595	267.2	-53.6	-93.1	-56.7	-23.9	-86.1	0.0259	0.0054	0.0127	10.69	51.39	21.81	0.00	-0.27	-0.45	0.0
19596	274.9	-59.4	-94.0	-42.9	-17.2	-88.6	0.0264	0.0052	0.0127	10.64	54.11	22.06	0.00	-0.27	-0.45	0.0
19597	279.2	-63.1	-94.7	-29.9	-10.3	-90.4	0.0266	0.0051	0.0127	10.60	55.53	22.18	0.00	-0.27	-0.45	0.0
19598	-37.6	69.7	-150.5	-159.0	-217.0	-116.0	0.0105	0.0133	0.0127	18.18	14.27	14.96	0.00	-0.10	-0.59	0.0
19599	-19.8	58.2	-154.6	-170.1	-208.8	-129.0	0.0117	0.0127	0.0127	16.93	15.63	15.61	0.00	-0.11	-0.60	0.0
19600	-0.2	43.9	-158.5	-179.6	-200.7	-141.8	0.0127	0.0120	0.0127	16.26	17.18	16.24	0.00	-0.12	-0.61	0.0
19601	21.0	26.9	-162.4	-186.8	-192.3	-154.8	0.0141	0.0113	0.0127	15.12	18.89	16.81	0.00	-0.13	-0.62	0.0
19602	43.3	7.0	-166.5	-191.5	-183.4	-168.3	0.0156	0.0106	0.0127	14.10	20.78	17.29	0.00	-0.14	-0.63	0.0
19603	66.4	-15.2	-170.5	-193.1	-173.9	-182.1	0.0171	0.0098	0.0127	13.17	22.86	17.68	0.00	-0.15	-0.65	0.0
19604	89.7	-39.1	-174.4	-191.5	-163.8	-196.2	0.0185	0.0091	0.0127	12.35	25.13	18.00	0.00	-0.15	-0.66	0.0
19605	112.8	-64.2	-178.2	-186.7	-152.7	-210.7	0.0199	0.0084	0.0127	11.64	27.62	18.25	0.00	-0.15	-0.67	0.0
19606	135.4	-89.5	-181.6	-178.4	-140.2	-225.1	0.0213	0.0077	0.0127	11.03	30.35	18.46	0.00	-0.16	-0.68	0.0
19607	156.9	-114.3	-184.7	-166.9	-126.7	-239.1	0.0225	0.0071	0.0127	10.53	33.30	18.64	0.00	-0.16	-0.70	0.0
19608	176.9	-137.8	-187.6	-152.4	-112.0	-252.5	0.0236	0.0066	0.0127	10.12	36.42	18.80	0.00	-0.16	-0.71	0.0
19609	194.8	-159.4	-190.2	-135.3	-96.1	-265.0	0.0246	0.0061	0.0127	9.80	39.58	18.94	0.00	-0.16	-0.72	0.0
19610	210.4	-178.3	-192.6	-115.9	-79.2	-276.4	0.0254	0.0057	0.0127	9.56	42.61	19.07	0.00	-0.16	-0.73	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
19611	222.9	-194.1	-194.8	-94.7	-61.3	-286.3	0.0260	0.0054	0.0127	9.38	45.21	19.15	0.00	-0.16	-0.74	0.0
19612	232.1	-206.2	-196.7	-72.0	-42.5	-294.3	0.0264	0.0052	0.0127	9.24	47.07	19.18	0.00	-0.15	-0.75	0.0
19613	237.6	-214.2	-198.1	-48.1	-23.1	-299.9	0.0266	0.0051	0.0127	9.14	47.88	19.12	0.00	-0.15	-0.75	0.0
19614	-230.2	-28.3	-575.2	-254.1	-576.5	-316.2	0.0108	0.0132	0.0127	18.68	15.31	15.85	0.00	-0.09	-1.35	0.0
19615	-212.6	-48.1	-591.3	-270.1	-559.0	-352.4	0.0121	0.0125	0.0127	15.84	15.24	15.03	0.00	-0.07	-1.36	0.0
19616	-192.5	-72.5	-607.8	-284.1	-539.6	-390.7	0.0130	0.0119	0.0127	13.91	15.29	14.26	0.00	-0.05	-1.37	0.0
19617	-170.7	-101.8	-626.4	-294.8	-519.9	-428.6	0.0144	0.0111	0.0127	11.99	15.53	13.62	0.00	-0.03	-1.38	0.0
19618	-147.8	-136.2	-647.1	-302.0	-498.8	-470.0	0.0159	0.0104	0.0127	10.37	15.81	12.96	0.00	-0.02	-1.40	0.0
19619	-123.5	-174.2	-667.1	-305.4	-475.0	-511.4	0.0173	0.0097	0.0127	9.12	16.29	12.43	0.00	-0.01	-1.43	0.0
19620	-99.2	-215.8	-687.1	-304.9	-449.9	-553.9	0.0188	0.0090	0.0127	8.24	17.19	12.16	0.00	-0.01	-1.45	0.0
19621	-74.4	-260.1	-705.8	-300.0	-420.7	-598.1	0.0201	0.0083	0.0127	7.80	18.93	12.36	0.00	-0.02	-1.49	0.0
19622	-49.5	-305.2	-722.1	-290.1	-387.7	-640.7	0.0214	0.0076	0.0127	7.53	21.11	12.70	0.00	-0.03	-1.53	0.0
19623	-25.2	-350.0	-736.6	-275.1	-351.1	-682.0	0.0226	0.0070	0.0127	7.36	23.64	13.11	0.00	-0.05	-1.56	0.0
19624	-2.2	-393.3	-749.6	-254.7	-310.9	-721.1	0.0237	0.0065	0.0127	7.28	26.49	13.57	0.00	-0.06	-1.60	0.0
19625	18.7	-433.7	-761.1	-228.8	-266.9	-757.3	0.0246	0.0060	0.0127	7.26	29.55	14.06	0.00	-0.08	-1.63	0.0
19626	36.9	-469.8	-771.2	-197.7	-219.6	-789.6	0.0254	0.0057	0.0127	7.28	32.65	14.56	0.00	-0.09	-1.67	0.0
19627	51.7	-500.4	-780.0	-161.8	-169.1	-817.2	0.0260	0.0054	0.0127	7.35	35.52	15.02	0.00	-0.11	-1.70	0.0
19628	62.6	-524.4	-787.4	-121.9	-116.1	-839.1	0.0264	0.0052	0.0127	7.43	37.88	15.42	0.00	-0.12	-1.72	0.0
19629	69.3	-540.6	-793.0	-78.7	-61.3	-854.2	0.0266	0.0051	0.0127	7.51	39.36	15.71	0.00	-0.13	-1.74	0.0
19630	27.5	175.0	-36.8	-88.7	-37.3	-51.7	0.0097	0.0137	0.0127	22.84	16.07	17.35	0.00	-0.19	-0.30	0.0
19631	42.8	167.9	-38.6	-102.6	-40.3	-52.0	0.0109	0.0131	0.0127	20.94	17.40	17.95	0.00	-0.19	-0.32	0.0
19632	61.3	158.7	-40.4	-115.2	-42.9	-51.7	0.0119	0.0124	0.0127	19.93	19.03	18.61	0.00	-0.20	-0.33	0.0
19633	82.3	147.8	-42.0	-126.1	-45.6	-50.5	0.0133	0.0117	0.0127	18.46	21.01	19.34	0.00	-0.21	-0.34	0.0
19634	105.7	134.9	-43.4	-135.0	-48.0	-48.5	0.0148	0.0109	0.0127	17.27	23.40	20.16	0.00	-0.22	-0.36	0.0
19635	131.0	120.3	-44.8	-141.4	-49.9	-45.9	0.0164	0.0102	0.0127	16.32	26.26	21.03	0.00	-0.23	-0.37	0.0
19636	157.8	104.1	-46.1	-144.8	-51.0	-43.0	0.0179	0.0094	0.0127	15.56	29.62	21.93	0.00	-0.24	-0.38	0.0
19637	185.5	86.7	-47.2	-144.7	-50.9	-39.8	0.0194	0.0087	0.0127	14.95	33.49	22.82	0.00	-0.26	-0.39	0.0
19638	213.3	68.5	-48.1	-140.7	-49.5	-36.5	0.0208	0.0079	0.0127	14.44	37.84	23.67	0.00	-0.28	-0.39	0.0
19639	240.3	50.3	-48.9	-132.7	-46.9	-33.3	0.0222	0.0073	0.0127	14.02	42.62	24.43	0.00	-0.29	-0.40	0.0
19640	265.7	32.8	-49.7	-120.7	-42.9	-30.4	0.0233	0.0067	0.0127	13.67	47.69	25.11	0.00	-0.31	-0.40	0.0
19641	288.7	16.8	-50.6	-104.9	-37.9	-27.8	0.0244	0.0062	0.0127	13.39	52.89	25.68	0.00	-0.32	-0.40	0.0
19642	308.6	3.0	-51.6	-85.7	-32.3	-25.6	0.0252	0.0057	0.0127	13.18	57.91	26.17	0.00	-0.33	-0.41	0.0
19643	324.7	-7.8	-52.7	-63.7	-26.4	-24.0	0.0259	0.0054	0.0127	13.04	62.38	26.57	0.00	-0.34	-0.41	0.0
19644	336.3	-14.0	-53.7	-39.5	-20.6	-23.0	0.0263	0.0052	0.0127	12.96	65.82	26.87	0.00	-0.35	-0.41	0.0
19645	342.9	-16.3	-54.3	-13.8	-15.5	-22.8	0.0266	0.0051	0.0127	12.94	67.77	27.06	0.00	-0.35	-0.41	0.0
19710	34.8	197.0	-137.8	-94.1	-78.1	-83.9	0.0097	0.0137	0.0127	25.45	17.90	19.34	0.00	-0.20	-0.45	0.0
19711	50.9	189.5	-144.7	-108.8	-81.4	-85.5	0.0109	0.0131	0.0127	23.21	19.29	19.90	0.00	-0.20	-0.46	0.0
19712	70.5	179.5	-151.4	-122.2	-84.5	-86.4	0.0119	0.0124	0.0127	21.97	20.98	20.52	0.00	-0.20	-0.48	0.0
19713	92.4	167.4	-157.7	-133.6	-87.3	-86.4	0.0133	0.0117	0.0127	20.22	23.01	21.19	0.00	-0.21	-0.50	0.0
19714	116.7	153.1	-163.7	-142.6	-89.6	-85.6	0.0148	0.0109	0.0127	18.80	25.47	21.94	0.00	-0.22	-0.51	0.0
19715	142.9	137.1	-169.2	-149.0	-90.9	-84.3	0.0164	0.0102	0.0127	17.66	28.41	22.75	0.00	-0.23	-0.53	0.0
19716	170.7	119.6	-174.2	-152.1	-90.8	-82.5	0.0179	0.0094	0.0127	16.75	31.88	23.60	0.00	-0.24	-0.54	0.0
19717	199.3	101.0	-178.3	-151.6	-89.1	-80.5	0.0194	0.0087	0.0127	16.02	35.90	24.47	0.00	-0.26	-0.55	0.0
19718	228.0	81.9	-181.7	-147.2	-85.4	-78.3	0.0208	0.0079	0.0127	15.43	40.43	25.29	0.00	-0.28	-0.56	0.0
19719	255.8	62.7	-184.5	-138.6	-79.6	-76.3	0.0222	0.0073	0.0127	14.93	45.39	26.02	0.00	-0.29	-0.57	0.0
19720	281.8	44.4	-187.1	-125.9	-71.9	-74.4	0.0233	0.0067	0.0127	14.51	50.64	26.66	0.00	-0.31	-0.57	0.0
19721	305.4	27.7	-189.7	-109.2	-62.4	-72.9	0.0244	0.0062	0.0127	14.17	56.00	27.19	0.00	-0.32	-0.57	0.0
19722	325.8	13.4	-192.7	-89.2	-51.8	-71.9	0.0252	0.0057	0.0127	13.92	61.17	27.64	0.00	-0.33	-0.58	0.0
19723	342.4	2.0	-196.1	-66.2	-40.5	-71.3	0.0259	0.0054	0.0127	13.75	65.80	28.03	0.00	-0.34	-0.58	0.0
19724	354.6	-5.7	-199.2	-41.0	-29.4	-71.2	0.0263	0.0052	0.0127	13.66	69.39	28.33	0.00	-0.34	-0.59	0.0
19725	361.5	-9.2	-201.3	-14.4	-18.7	-71.8	0.0266	0.0051	0.0127	13.64	71.42	28.53	0.00	-0.35	-0.59	0.0
19790	39.8	200.5	-277.1	-92.3	-88.6	-100.2	0.0097	0.0137	0.0127	25.77	18.13	19.58	0.00	-0.21	-0.58	0.0
19791	55.6	193.1	-290.0	-106.7	-92.8	-100.9	0.0109	0.0131	0.0127	23.44	19.48	20.09	0.00	-0.21	-0.60	0.0
19792	74.7	183.2	-302.4	-119.7	-96.9	-100.8	0.0119	0.0124	0.0127	22.11	21.12	20.65	0.00	-0.21	-0.62	0.0
19793	96.1	170.8	-314.0	-130.6	-100.4	-99.8	0.0133	0.0117	0.0127	20.27	23.07	21.25	0.00	-0.22	-0.64	0.0
19794	119.5	156.5	-324.6	-139.0	-103.1	-98.1	0.0148	0.0109	0.0127	18.76	25.42	21.89	0.00	-0.23	-0.66	0.0
19795	144.6	140.5	-334.2	-144.6	-104.7	-95.9	0.0164	0.0102	0.0127	17.55	28.23	22.60	0.00	-0.24	-0.67	0.0
19796	171.1	123.3	-342.5	-147.2	-104.8	-93.2	0.0179	0.0094	0.0127	16.59	31.57	23.37	0.00	-0.25	-0.69	0.0
19797	198.5	105.2	-349.4	-146.5	-102.7	-90.3	0.0194	0.0087	0.0127	15.82	35.45	24.16	0.00	-0.26	-0.70	0.0
19798	225.9	86.6	-354.8	-141.9	-98.4	-87.2	0.0208	0.0079	0.0127	15.20	39.83	24.91	0.00	-0.28	-0.71	0.0
19799	252.5	68.1	-359.3	-133.4	-91.5	-84.2	0.0222	0.0073	0.0127	14.68	44.62	25.58	0.00	-0.29	-0.72	0.0
19800	277.2	50.5	-363.4	-120.8	-82.2	-81.6	0.0233	0.0067	0.0127	14.23	49.67	26.15	0.00	-0.30	-0.73	0.0
19801	299.4	34.4	-367.8	-104.5	-70.8	-79.6	0.0244	0.0062	0.0127	13.87	54.79	26.61	0.00	-0.32	-0.73	0.0
19802	318.7	20.7	-373.2	-85.1	-57.7	-78.1	0.0252	0.0057	0.0127	13.59	59.75	27.00	0.00	-0.32	-0.74	0.0
19803	334.9	9.8	-379.8	-62.9	-44.1	-77.3	0.0259	0.0054	0.0127	13.43	64.26	27.37	0.00	-0.33	-0.75	0.0
19804	347.2	2.4	-386.5	-38.8	-31.2	-77.0	0.0263	0.0052	0.0127	13.37	67.88	27.71	0.00	-0.34	-0.76	0.0
19805	354.4	-1.4	-391.2	-13.4	-20.9	-77.6	0.0266	0.0051	0.0127	13.37	70.02	27.96	0.00	-0.34	-0.76	0.0
19870	39.4	195.5	-418.4	-90.0	-87.6	-110.0	0.0097	0.0137	0.0127	25.20	17.73	19.15	0.00	-0.21	-0.70	0.0
19871	54.7	187.8	-436.8	-103.8	-92.6	-109.0	0.0109	0.0131	0.0127	22.84	18.98	19.58	0.00	-0.21	-0.73	0.0
19872	73.1	177.5	-453.8	-116.1	-97.3	-107.0	0.0119	0.0124	0.0127	21.46	20.50	20.05	0.00	-0.22	-0.75	0.0
19873	93.3	164.9	-469.1	-126.0	-101.1	-104.1	0.0133	0.0117	0.0127	19.58	22.29	20.53	0.00	-0.22	-0.77	0.0
19874	115.2	150.3	-482.8	-133.4	-104.2	-100.6	0.0148	0.0109	0.0127	18.02	24.42	21.04	0.00	-0.23	-0.79	0.0
19875	138.6	134.5	-494.9	-138.1	-106.3	-96.8	0.0164	0.0102	0.0127	16.78	26.99	21.61	0.00	-0.24	-0.81	0.0
19876	163.3	117.8	-505.1	-140.1	-106.7	-92.6	0.0179	0.0094	0.0127	15.81	30.08	22.27	0.00	-0.25	-0.82	0.0
19877	188.9	100.4	-513.4	-139.0	-104.9	-88.1	0.0194	0.0087	0.0127	15.05	33.71	22.98	0.00	-0.26	-0.84	0.0
19878	214.7	82.7	-520.0	-134.5	-100.6	-83.4	0.0208	0.0079	0.0127	14.44	37.84	23.66	0.00	-0.27	-0.85	0.0
19879	239.6	65.1	-525.4	-126.2	-93.6	-79.0	0.0222	0.0073	0.0127	13.92	42.34	24.27	0.00	-0.29	-0.86	0.0
19880	262.7	48.3	-530.5	-114.1	-84.0	-75.0	0.0233	0.0067	0.0127	13.48	47.06	24.77	0.00	-0.30	-0.87	0.0
19881	283.3	33.0	-536.2	-98.4	-71.9	-71.8	0.0244	0.0062	0.0127	13.11	51.81	25.16	0.00	-0.31	-0.87	0.0
19882	301.3	19.9	-543.9	-79.7	-57.7	-69.6	0.0252	0.0057	0.0127	12.84	56.41	25.49	0.00	-0.31	-0.88	0.0
19883	317.0	9.6	-554.6	-58.6	-43.3	-68.2	0.0259	0.0054	0.0127	12.70	60.75	25.87	0.00	-0.32	-0.89	0.0
19884	330.1	2.6	-566.9	-35.9	-31.7	-67.4	0.0263	0.0052	0.0127	12.70	64.50	26.34	0.00	-0.33	-0.91	0.0
19885	338.9	-0.8	-576.3	-12.0	-27.0	-67.5	0.0266	0.0051	0.0127	12.79	66.99	26.75	0.00	-0.33	-0.93	0.0
19958	54.3	-80.3	-1384.5	175.6	225.1	-274.3	0.0143	0.0114	0.0244	12.27	15.43	7.19	0.00	-0.28	-1.66	0.0
20009	31.7	-339.9	-1351.0	-23.7	-45.9	-497.7	0.0266	0.0051	0.0127	1.26	6.59	2.63	0.00	-0.17	-1.59	0.0
20010	30.0	-341.8	-1357.6	32.3	12.3	-502.9	0.0264	0.0052	0.0127	1.29	6.58	2.68	0.00	-0.17	-1.60	0.0
20011	25.2	-339.7	-1362.6	59.6	49.1	-505.8	0.0260	0.0054	0.0127	1.39	6.68	2.83	0.00	-0.18	-1.61	0.0
20012	17.5	-333.7	-1366.2	87.0	88.3	-507.0	0.0253	0.0057	0.0127	1.54	6.86	3.07	0.00	-0.18	-1.62	0.0
20013	7.4	-323.8	-1368.6	114.0	128.8	-506.5	0.0246	0.0061	0.0127	1.79	7.21	3.45	0.00	-0.18	-1.63	0.0
20014	-4.3	-310.1	-1370.0	140.1	170.0	-504.5	0.0236	0.0066	0.0127	2.16	7.77	4.01	0.00	-0.19	-1.65	0.0
20015	-16.9	-292.8	-1370.4	165.0	211.5	-501.1	0.0225	0.0071	0.0127	2.70	8.55	4.78	0.00	-0.19	-1.67	0.0
20016	-29.3	-272.0	-1369.4	188.4	253.5	-496.4	0.0213	0.0077	0.0127	3.46	9.56	5.80	0.00	-0.20	-1.69	0.0
20017	-40.1	-247.9	-1366.3	210.0	296.0	-490.5	0.0200	0.0084	0.0127	4.52	10.81	7.11	0.00	-0.21	-1.72	0.0
20018	-47.7	-220.6	-1358.9	230.3	339.6	-483.8	0.0186	0.0090	0.0127	6.00	12.36	8.80	0.00	-0.21	-1.75	0.0
20019	102.6	-52.2	-1131.8	249.8	398.8	-356.6	0.0558	0.0130	0.0244	5.37	23.10	12.26	0.00	-0.30	-1.68	0.0
20020	41.9	-64.6	-1177.1	273.7	456.0	-375.7	0.0570	0.0124	0.0244	4.95	22.81	11.55	0.00	-0.29	-1.75	0.0
20021	1.9	-91.2	-1240.9	283.4	475.4	-410.7	0.0579	0.0117	0.0127	4.38	21.61	19.96	0.00	-0.28	-1.81	0.0
20027	41.9	-85.9	-1366.1	192.6	260.8	-288.4	0.0139	0.0116	0.0244	13.16	15.70	7.47	0.00	-0.29	-1.67	0.0
20028	-50.0	-191.0	-1346.3	248.9	383.9	-476.0	0.0173	0.0097	0.0127	8.03	14.24	10.91	0.00	-0.22	-1.78	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
20031	-44.3	-158.2	-1324.9	263.8	421.3	-462.5	0.0159	0.0104	0.0127	10.72	16.37	13.41	0.00	-0.23	-1.80	0.0
20034	-28.2	-123.9	-1287.9	277.2	454.7	-446.3	0.0146	0.0111	0.0127	14.41	18.93	16.51	0.00	-0.25	-1.82	0.0
20036	28.4	-98.1	-1391.9	193.2	266.2	-296.2	0.0144	0.0112	0.0127	11.81	15.21	13.37	0.00	-0.29	-1.69	0.0
20045	128.6	33.8	-1324.3	113.6	181.1	-244.5	0.0143	0.0114	0.0244	14.27	17.95	8.37	0.00	-0.18	-1.60	0.0
20114	135.3	50.4	-1281.5	116.3	215.0	-261.2	0.0139	0.0116	0.0244	15.67	18.71	8.90	0.00	-0.16	-1.58	0.0
20123	131.2	42.5	-1301.9	116.5	218.4	-268.5	0.0144	0.0112	0.0127	14.75	19.00	16.70	0.00	-0.16	-1.60	0.0
20132	286.8	115.2	-1250.9	106.3	189.3	-257.0	0.0143	0.0114	0.0244	23.76	29.89	13.93	0.00	-0.21	-1.66	0.0
20201	292.8	131.4	-1191.4	114.4	224.0	-274.4	0.0139	0.0116	0.0244	25.72	30.70	14.60	0.00	-0.20	-1.64	0.0
20210	263.6	126.2	-1205.6	109.8	225.8	-283.0	0.0144	0.0112	0.0127	22.80	29.35	25.80	0.00	-0.17	-1.63	0.0
20219	438.3	161.8	-1179.1	161.8	210.0	-265.7	0.0143	0.0114	0.0244	36.10	45.41	21.17	0.00	-0.35	-1.78	0.0
20288	447.4	173.4	-1123.7	177.7	240.0	-277.3	0.0139	0.0116	0.0244	39.00	46.55	22.14	0.00	-0.36	-1.77	0.0
20297	403.2	169.3	-1132.1	169.0	238.0	-285.2	0.0144	0.0112	0.0127	34.51	44.44	39.06	0.00	-0.32	-1.73	0.0
20306	548.6	191.4	-1117.9	219.9	238.4	-266.3	0.0143	0.0114	0.0244	46.04	57.92	27.00	0.00	-0.48	-1.87	0.0
20375	561.3	199.5	-1073.6	238.3	268.6	-274.1	0.0139	0.0116	0.0244	49.66	59.27	28.19	0.00	-0.50	-1.88	0.0
20384	506.2	195.2	-1077.4	226.9	259.2	-281.3	0.0144	0.0112	0.0127	43.96	56.60	49.76	0.00	-0.45	-1.82	0.0
20641	2.0	187.9	-435.2	-13.5	-49.5	-125.7	0.0061	0.0161	0.0127	34.58	13.19	16.71	0.00	-0.20	-0.68	0.0
20646	1.4	185.4	-427.7	-4.9	-47.0	-125.6	0.0061	0.0161	0.0127	34.75	13.02	16.54	0.00	-0.20	-0.67	0.0
20651	1.5	184.0	-420.8	6.5	-46.9	-124.5	0.0061	0.0161	0.0127	34.67	13.00	16.51	0.00	-0.21	-0.66	0.0
20656	2.2	183.5	-414.7	14.9	-49.1	-122.7	0.0061	0.0161	0.0127	34.28	13.08	16.57	0.00	-0.21	-0.65	0.0
20661	3.8	185.5	-507.5	-13.9	-44.4	-140.6	0.0061	0.0161	0.0127	34.69	13.24	16.76	0.00	-0.21	-0.75	0.0
20666	3.1	182.4	-499.4	-5.5	-41.4	-141.6	0.0061	0.0161	0.0127	34.83	13.05	16.58	0.00	-0.20	-0.74	0.0
20671	3.2	181.1	-491.7	6.9	-41.3	-140.7	0.0061	0.0161	0.0127	34.78	13.04	16.56	0.00	-0.21	-0.73	0.0
20676	3.9	181.4	-484.5	15.2	-44.2	-138.2	0.0061	0.0161	0.0127	34.46	13.15	16.65	0.00	-0.21	-0.73	0.0
20685	2849.0	901.0	595.9	185.3	-391.9	-158.5	0.0419	0.0518	0.0244	70.11	56.65	120.18	0.00	-2.02	-2.45	0.0
20690	2628.7	915.3	441.9	143.1	-640.9	-68.4	0.0418	0.0519	0.0244	67.37	54.26	115.21	0.00	-1.91	-2.55	0.0
20695	2629.4	915.4	449.3	136.7	-641.4	66.1	0.0418	0.0519	0.0244	67.26	54.18	115.03	0.00	-1.89	-2.55	0.0
20700	2857.0	900.1	621.9	208.1	-388.3	159.2	0.0419	0.0518	0.0244	70.15	56.68	120.24	0.00	-1.97	-2.47	0.0
20705	4353.9	1194.4	902.0	228.0	392.1	196.4	0.0419	0.0518	0.0244	105.46	85.21	180.75	0.00	-3.17	-3.63	0.0
20710	4288.2	1298.9	790.7	192.3	269.2	168.6	0.0418	0.0519	0.0244	103.43	83.31	176.89	0.00	-3.00	-3.59	0.0
20715	4295.2	1300.0	801.6	187.4	270.5	148.1	0.0418	0.0519	0.0244	103.58	83.43	177.15	0.00	-3.01	-3.58	0.0
20720	4374.1	1196.1	935.6	177.0	396.5	-164.8	0.0419	0.0518	0.0244	105.69	85.39	181.15	0.00	-3.15	-3.62	0.0
20789	3189.1	778.0	823.1	-113.4	-306.5	-61.1	0.0420	0.0518	0.0244	76.93	62.44	132.28	0.00	-2.38	-2.53	0.0
20794	3226.7	770.8	800.5	-298.1	-303.9	-179.3	0.0421	0.0517	0.0244	78.16	63.70	134.80	0.00	-2.33	-2.76	0.0
20799	4418.4	1105.7	1037.1	-166.4	492.8	-196.3	0.0420	0.0518	0.0244	107.09	86.91	184.13	0.00	-3.29	-3.65	0.0
20804	4420.4	1097.8	1017.3	-189.4	495.4	-285.1	0.0421	0.0517	0.0244	106.92	87.15	184.41	0.00	-3.23	-3.76	0.0
20877	3.0	183.2	-410.7	21.5	-51.9	-120.7	0.0063	0.0160	0.0127	33.72	13.20	16.65	0.00	-0.21	-0.65	0.0
20878	4.2	183.2	-408.4	26.3	-54.4	-119.6	0.0064	0.0160	0.0127	33.25	13.33	16.75	0.00	-0.21	-0.65	0.0
20887	4.9	181.7	-479.6	21.6	-47.8	-135.4	0.0063	0.0160	0.0127	33.93	13.28	16.75	0.00	-0.21	-0.72	0.0
20888	6.0	181.4	-477.0	26.2	-50.9	-134.2	0.0064	0.0160	0.0127	33.41	13.39	16.83	0.00	-0.21	-0.72	0.0
21021	2928.5	869.0	575.0	-461.3	-374.6	-275.6	0.0424	0.0516	0.0244	72.36	59.43	125.47	0.00	-2.05	-2.78	0.0
21026	2720.8	867.9	383.5	-354.9	-610.0	-184.6	0.0428	0.0514	0.0244	68.19	56.71	119.29	0.00	-1.99	-2.78	0.0
21031	2773.6	885.9	337.1	-302.0	-587.3	119.2	0.0432	0.0512	0.0244	68.43	57.79	121.02	0.00	-2.12	-2.76	0.0
21036	3093.2	972.6	439.2	-240.9	-317.0	74.4	0.0438	0.0509	0.0244	72.16	62.06	129.25	0.00	-2.21	-2.76	0.0
21041	4389.4	1161.2	875.7	-247.2	416.8	-397.0	0.0424	0.0516	0.0244	105.35	86.52	182.68	0.00	-3.09	-3.88	0.0
21046	4336.4	1247.7	714.7	-246.3	328.9	-405.1	0.0428	0.0514	0.0244	102.72	85.43	179.71	0.00	-2.97	-3.90	0.0
21051	4372.0	1264.6	677.9	-251.7	372.8	-358.6	0.0432	0.0512	0.0244	102.62	86.67	181.50	0.00	-3.05	-3.94	0.0
21056	4537.1	1230.5	724.4	-291.0	553.1	-348.2	0.0438	0.0509	0.0244	106.22	91.34	190.25	0.00	-3.32	-4.14	0.0
21185	6.2	183.0	-405.7	33.3	-57.9	-118.3	0.0066	0.0159	0.0127	32.46	13.58	16.93	0.00	-0.21	-0.65	0.0
21190	9.3	182.4	-403.2	42.3	-62.6	-116.1	0.0070	0.0157	0.0127	31.17	13.95	17.19	0.00	-0.22	-0.65	0.0
21195	13.6	181.5	-401.9	51.3	-67.4	-113.3	0.0075	0.0154	0.0127	29.71	14.40	17.48	0.00	-0.22	-0.65	0.0
21200	18.7	179.5	-401.5	60.3	-71.9	-110.0	0.0080	0.0152	0.0127	28.10	14.89	17.75	0.00	-0.22	-0.66	0.0
21205	7.8	181.4	-474.4	33.4	-55.1	-133.3	0.0066	0.0159	0.0127	32.68	13.67	17.05	0.00	-0.21	-0.72	0.0
21210	10.9	181.4	-472.3	42.4	-60.6	-131.3	0.0070	0.0157	0.0127	31.46	14.08	17.35	0.00	-0.22	-0.72	0.0
21215	15.1	181.6	-471.0	51.7	-66.1	-127.9	0.0075	0.0154	0.0127	30.10	14.59	17.71	0.00	-0.22	-0.73	0.0
21220	20.3	180.7	-470.7	60.8	-71.1	-123.2	0.0080	0.0152	0.0127	28.54	15.12	18.02	0.00	-0.23	-0.73	0.0
21289	3646.2	1037.8	600.4	-319.4	-362.9	-152.0	0.0443	0.0507	0.0244	84.11	73.49	152.32	0.00	-2.65	-3.23	0.0
21290	3673.0	1167.4	590.0	-902.4	-406.2	-374.4	0.0446	0.0505	0.0244	89.30	78.99	163.12	0.00	-2.76	-3.77	0.0
21299	4730.1	1237.1	741.1	-415.6	731.5	-429.6	0.0443	0.0507	0.0244	111.26	97.21	201.50	0.00	-3.59	-4.48	0.0
21300	4154.9	1262.4	635.7	-1131.1	808.2	-638.2	0.0446	0.0505	0.0244	106.96	94.61	195.38	0.00	-3.73	-4.54	0.0
21373	23.4	176.9	-402.2	66.7	-75.5	107.3	0.0085	0.0149	0.0127	24.85	14.19	16.65	0.00	-0.19	-0.65	0.0
21378	28.1	174.7	-403.2	71.1	-78.2	105.8	0.0089	0.0147	0.0127	23.84	14.41	16.69	0.00	-0.19	-0.65	0.0
21383	25.0	178.8	-471.4	67.4	-75.0	-118.9	0.0085	0.0149	0.0127	27.16	15.51	18.20	0.00	-0.23	-0.73	0.0
21388	29.7	175.9	-473.0	71.5	-78.2	-116.7	0.0089	0.0147	0.0127	26.09	15.77	18.26	0.00	-0.23	-0.73	0.0
21457	269.1	-0.3	-403.0	-10.6	-39.5	38.7	0.0266	0.0057	0.0127	10.24	47.84	21.40	0.00	-0.27	-0.68	0.0
21458	267.0	2.4	-398.8	-29.8	-45.4	41.6	0.0263	0.0058	0.0127	10.40	47.25	21.56	0.00	-0.27	-0.68	0.0
21459	262.2	8.3	-394.1	-49.3	-48.3	45.4	0.0259	0.0060	0.0127	10.66	45.84	21.73	0.00	-0.27	-0.68	0.0
21460	256.3	17.5	-393.4	-68.5	63.4	49.9	0.0252	0.0064	0.0127	11.02	43.78	21.89	0.00	-0.27	-0.69	0.0
21461	248.6	29.4	-397.0	-86.7	81.8	55.5	0.0244	0.0068	0.0127	11.65	41.88	22.35	0.00	-0.27	-0.70	0.0
21462	238.2	44.0	-403.6	-103.3	99.8	62.5	0.0233	0.0073	0.0127	12.41	39.67	22.79	0.00	-0.27	-0.72	0.0
21463	225.2	60.9	-412.1	-117.9	117.6	70.7	0.0222	0.0079	0.0127	13.29	37.28	23.17	0.00	-0.27	-0.74	0.0
21464	210.3	79.8	-421.7	-130.2	135.5	80.4	0.0208	0.0086	0.0127	14.34	34.91	23.51	0.00	-0.26	-0.77	0.0
21465	194.7	100.6	-432.2	-140.5	153.8	92.2	0.0194	0.0093	0.0127	15.64	32.74	23.89	0.00	-0.25	-0.80	0.0
21466	179.7	124.0	-443.1	-149.5	173.2	107.3	0.0179	0.0100	0.0127	17.34	31.00	24.44	0.00	-0.24	-0.83	0.0
21467	167.0	151.5	-454.0	-159.2	194.0	-141.6	0.0521	0.0108	0.0127	7.41	35.82	30.40	0.00	-0.39	-0.91	0.0
21468	160.2	187.4	-463.0	-172.0	215.7	-187.3	0.0506	0.0116	0.0127	8.63	37.74	34.33	0.00	-0.43	-0.99	0.0
21469	155.7	239.8	-464.9	-194.8	235.5	-241.9	0.0491	0.0481	0.0127	10.45	10.67	40.35	0.00	-0.51	-1.09	0.0
21470	195.3	327.1	-434.6	-230.7	254.9	-302.4	0.0476	0.0488	0.0127	13.56	13.23	50.80	0.00	-0.62	-1.23	0.0
21471	112.4	530.2	-344.8	-312.1	276.0	-383.5	0.0466	0.0495	0.0244	18.80	17.73	35.89	0.00	-0.92	-1.41	0.0
21472	1822.4	1271.9	182.1	-1250.6	321.5	-518.4	0.0454	0.0501	0.0244	64.93	58.86	120.64	0.00	-2.56	-3.01	0.0
21537	270.3	1.0	-476.7	-11.2	-51.5	35.3	0.0266	0.0057	0.0127	10.33	48.27	21.60	0.00	-0.27	-0.76	0.0
21538	268.0	3.8	-467.0	-29.7	-58.9	38.2	0.0263	0.0058	0.0127	10.50	47.69	21.77	0.00	-0.27	-0.75	0.0
21539	264.8	9.7	-457.3	-49.9	-59.1	41.7	0.0259	0.0060	0.0127	10.82	46.51	22.04	0.00	-0.28	-0.75	0.0
21540	262.2	19.4	-455.2	-70.3	73.8	45.9	0.0252	0.0064	0.0127	11.33	45.00	22.50	0.00	-0.28	-0.75	0.0
21541	257.8	31.8	-459.5	-89.9	91.4	51.9	0.0244	0.0068	0.0127	12.13	43.60	23.27	0.00	-0.28	-0.77	0.0
21542	249.7	47.2	-466.9	-108.0	108.0	59.3	0.0233	0.0073	0.0127	13.03	41.66	23.93	0.00	-0.29	-0.80	0.0
21543	238.3	65.2	-476.1	-124.1	124.3	68.1	0.0222	0.0079	0.0127	14.05	39.43	24.50	0.00	-0.28	-0.82	0.0
21544	224.3	85.4	-486.5	-137.8	140.4	78.4	0.0208	0.0086	0.0127	15.24	37.09	24.98	0.00	-0.28	-0.85	0.0
21545	208.6	107.6	-497.9	-149.1	156.7	90.6	0.0194	0.0093	0.0127	16.65	34.84	25.42	0.00	-0.27	-0.88	0.0
21546	192.6	131.9	-509.8	-158.3	173.9	-111.0	0.0179	0.0100	0.0127	20.72	37.04	29.20	0.00	-0.37	-0.93	0.0
21547	178.0	159.2	-522.2	-167.2	192.7	-147.4	0.0521	0.0108	0.0127	7.66	37.02	31.42	0.00	-0.40	-0.99	0.0
21548	168.9	193.5	-533.9	-178.1	212.7	-192.4	0.0506	0.0116	0.0127	8.77	38.36	34.89	0.00	-0.44	-1.06	0.0
21549	161.9	242.7	-541.5	-198.3	231.7	-245.9	0.0491	0.0481	0.0127	10.45	10.67	40.33	0.00	-0.51	-1.16	0.0
21550	203.0	324.3	-521.4	-233.6	247.3	-305.5	0.0476	0.0488	0.0127	13.40	13.08	50.21	0.00	-0.62	-1.29	0.0
21551	91.6	517.4	-448.6	-295.6	258.9	-367.3	0.0466	0.0495	0.0244	17.68	16.67	33.75	0.00	-0.88	-1.44	0.0
21552	1844.3	1244.2	131.4	-1224.7	549.5	-587.4	0.0454	0.0501	0.0244	66.61	60.38	123.74	0.00	-2.71	-3.15	0.0
21561	607.0	164.0	-865.7	-267.0	227.4	247.9	0.0143	0.0120	0.0244	51.81	61.44	30.25	0.00	-0.60	-1.71	0.0
21630	622.5	169.6	-838.0	-284.2	261.3	250.3	0.0138	0.0123	0.0244	55.73	62.87	31.53	0.00	-0.62	-1.73	0.0
21639	559.4	162.6	-827.4	-271.1	241.5	253.1	0.0143	0.0118	0.0127	49.17	59.63	55.42	0.00	-0.57	-1.65	0.0
21648	653.2	178.7	-836.1	-297.1	259.0	247.2	0.0143	0.0120	0.0244	56.55	67.05	33.02	0.00	-0.66	-1.76	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
21717	664.9	181.6	-816.3	-312.7	294.5	248.0	0.0138	0.0123	0.0244	60.36	68.10	34.15	0.00	-0.68	-1.79	0.0
21726	602.6	172.5	-804.6	-300.0	268.2	251.4	0.0143	0.0118	0.0127	53.58	64.97	60.39	0.00	-0.63	-1.71	0.0
21735	180.0	130.5	-712.3	108.0	-142.9	205.2	0.0143	0.0120	0.0127	18.60	22.18	20.96	0.00	-0.15	-1.05	0.0
21804	167.4	133.2	-681.3	106.4	-155.1	211.6	0.0139	0.0122	0.0127	18.66	21.14	20.35	0.00	-0.13	-1.02	0.0
21813	174.9	126.8	-675.3	108.5	-150.7	210.9	0.0144	0.0118	0.0127	18.25	22.25	20.64	0.00	-0.14	-1.02	0.0
21822	216.5	132.3	-690.8	119.8	-149.0	208.7	0.0143	0.0120	0.0127	21.03	25.10	23.71	0.00	-0.17	-1.07	0.0
21891	204.5	135.1	-664.8	116.6	-162.5	216.0	0.0139	0.0122	0.0127	21.02	23.83	22.93	0.00	-0.15	-1.05	0.0
21900	211.5	127.3	-659.5	118.4	-156.7	215.1	0.0144	0.0118	0.0127	20.52	25.04	23.22	0.00	-0.16	-1.04	0.0
21965	265.6	-0.3	-401.0	8.7	-34.6	37.5	0.0266	0.0057	0.0127	10.07	47.05	21.05	0.00	-0.26	-0.67	0.0
21966	256.6	2.2	-392.9	26.8	-37.1	38.1	0.0263	0.0058	0.0127	9.91	45.02	20.54	0.00	-0.26	-0.66	0.0
21967	245.3	7.4	-384.5	44.4	-46.8	39.8	0.0259	0.0060	0.0127	9.87	42.44	20.12	0.00	-0.25	-0.65	0.0
21968	233.2	15.4	-380.1	60.8	-59.2	42.3	0.0252	0.0064	0.0127	10.00	39.74	19.87	0.00	-0.25	-0.64	0.0
21969	219.8	25.4	-380.1	75.5	-71.2	46.0	0.0244	0.0068	0.0127	10.26	36.88	19.68	0.00	-0.24	-0.65	0.0
21970	204.3	37.2	-382.7	87.9	-81.3	50.9	0.0233	0.0073	0.0127	10.58	33.82	19.43	0.00	-0.23	-0.65	0.0
21971	186.9	50.2	-386.9	97.6	-89.5	56.7	0.0222	0.0079	0.0127	10.94	30.70	19.08	0.00	-0.22	-0.65	0.0
21972	168.2	64.0	-391.9	104.4	-95.5	63.1	0.0208	0.0086	0.0127	11.37	27.66	18.63	0.00	-0.21	-0.66	0.0
21973	149.0	78.0	-396.9	108.6	-99.2	69.6	0.0194	0.0093	0.0127	11.88	24.86	18.14	0.00	-0.20	-0.66	0.0
21974	130.2	92.1	-401.3	110.4	-100.5	76.0	0.0179	0.0100	0.0127	12.54	22.41	17.67	0.00	-0.19	-0.66	0.0
21975	112.3	106.2	-404.8	110.4	-99.8	81.9	0.0164	0.0108	0.0127	13.44	20.40	17.31	0.00	-0.18	-0.66	0.0
21976	95.3	120.5	-407.4	108.7	-97.8	87.7	0.0148	0.0116	0.0127	14.65	18.80	17.10	0.00	-0.18	-0.66	0.0
21977	79.0	134.6	-409.3	105.0	-95.1	93.6	0.0133	0.0123	0.0127	16.21	17.53	16.99	0.00	-0.18	-0.66	0.0
21978	63.4	147.8	-410.1	98.8	-91.8	99.0	0.0119	0.0130	0.0127	18.11	16.48	16.91	0.00	-0.18	-0.66	0.0
21979	48.6	159.4	-408.7	90.3	-87.5	103.2	0.0109	0.0137	0.0127	19.65	15.60	16.84	0.00	-0.18	-0.66	0.0
21980	36.0	169.5	-405.5	80.0	-82.4	105.8	0.0097	0.0143	0.0127	22.12	14.90	16.81	0.00	-0.18	-0.66	0.0
22045	265.0	1.0	-474.2	7.6	44.0	34.3	0.0266	0.0057	0.0127	10.08	47.11	21.08	0.00	-0.26	-0.75	0.0
22046	252.5	3.5	-459.9	24.6	48.5	35.5	0.0263	0.0058	0.0127	9.82	44.59	20.35	0.00	-0.26	-0.72	0.0
22047	239.3	8.3	-446.1	42.0	-49.6	37.3	0.0259	0.0060	0.0127	9.63	41.39	19.62	0.00	-0.24	-0.70	0.0
22048	227.4	16.2	-440.1	58.2	-62.3	39.9	0.0252	0.0064	0.0127	9.75	38.74	19.37	0.00	-0.24	-0.70	0.0
22049	214.5	25.8	-440.2	72.5	-73.6	44.2	0.0244	0.0068	0.0127	10.00	35.94	19.18	0.00	-0.23	-0.70	0.0
22050	199.2	37.1	-443.3	84.4	-82.7	49.6	0.0233	0.0073	0.0127	10.28	32.88	18.89	0.00	-0.23	-0.70	0.0
22051	182.1	49.5	-448.0	93.8	-90.2	56.0	0.0222	0.0079	0.0127	10.62	29.78	18.51	0.00	-0.22	-0.71	0.0
22052	163.9	62.7	-453.6	100.4	-95.6	62.9	0.0208	0.0086	0.0127	11.01	26.80	18.05	0.00	-0.21	-0.71	0.0
22053	145.5	76.2	-459.6	104.5	-98.9	70.1	0.0194	0.0093	0.0127	11.51	24.09	17.57	0.00	-0.20	-0.71	0.0
22054	127.7	89.7	-465.3	106.5	-99.8	77.1	0.0179	0.0100	0.0127	12.18	21.76	17.16	0.00	-0.19	-0.71	0.0
22055	111.0	103.5	-470.4	107.1	-98.8	83.7	0.0164	0.0108	0.0127	13.11	19.90	16.89	0.00	-0.18	-0.72	0.0
22056	95.2	118.0	-474.9	106.4	-96.7	90.2	0.0148	0.0116	0.0127	14.40	18.48	16.80	0.00	-0.18	-0.72	0.0
22057	79.9	133.0	-479.0	103.8	-94.4	97.5	0.0133	0.0123	0.0127	16.08	17.39	16.85	0.00	-0.18	-0.73	0.0
22058	64.8	147.1	-482.1	98.6	-91.9	105.1	0.0119	0.0130	0.0127	18.11	16.49	16.91	0.00	-0.18	-0.73	0.0
22059	50.2	159.4	-481.6	90.5	-88.1	110.9	0.0109	0.0137	0.0127	19.75	15.68	16.93	0.00	-0.18	-0.73	0.0
22060	37.7	170.3	-476.9	80.6	-82.8	114.2	0.0097	0.0143	0.0127	22.34	15.05	16.98	0.00	-0.19	-0.73	0.0
22125	3219.1	778.0	749.8	339.0	-308.1	170.8	0.0421	0.0517	0.0244	78.22	63.75	134.91	0.00	-2.36	-2.78	0.0
22126	3175.8	782.8	779.9	160.1	-315.0	-62.1	0.0420	0.0518	0.0244	76.82	62.35	132.09	0.00	-2.43	-2.52	0.0
22135	4386.1	1094.7	958.4	252.5	490.2	307.2	0.0421	0.0517	0.0244	106.31	86.64	183.34	0.00	-3.22	-3.78	0.0
22136	4389.4	1104.3	986.6	232.6	486.6	223.1	0.0420	0.0518	0.0244	106.57	86.49	183.24	0.00	-3.27	-3.68	0.0
22213	2.8	189.8	-441.8	-20.6	-52.5	-125.0	0.0063	0.0160	0.0127	34.12	13.36	16.85	0.00	-0.21	-0.69	0.0
22218	3.8	191.2	-446.8	-25.7	-55.1	-124.7	0.0064	0.0160	0.0127	33.72	13.52	16.98	0.00	-0.21	-0.69	0.0
22223	4.8	187.8	-514.4	-20.8	-48.1	-138.7	0.0063	0.0160	0.0127	34.24	13.40	16.91	0.00	-0.21	-0.76	0.0
22228	5.8	189.0	-520.2	-25.8	-51.3	-137.9	0.0064	0.0160	0.0127	33.75	13.53	17.00	0.00	-0.21	-0.77	0.0
22357	2929.5	878.3	522.2	500.8	-368.3	262.2	0.0424	0.0516	0.0244	72.71	59.72	126.08	0.00	-2.09	-2.82	0.0
22362	2728.2	879.9	324.0	392.9	-596.4	-185.7	0.0428	0.0514	0.0244	69.12	57.49	120.93	0.00	-2.15	-2.78	0.0
22367	2784.7	901.2	264.5	339.5	-575.8	-123.8	0.0432	0.0512	0.0244	68.76	58.08	121.62	0.00	-2.13	-2.84	0.0
22372	3096.8	993.6	337.5	281.6	-331.1	79.4	0.0438	0.0509	0.0244	72.41	62.28	129.71	0.00	-2.19	-2.89	0.0
22377	4349.8	1153.7	807.6	307.9	415.7	414.9	0.0424	0.0516	0.0244	104.70	85.99	181.55	0.00	-3.08	-3.91	0.0
22382	4290.5	1236.1	632.1	309.1	330.9	422.9	0.0428	0.0514	0.0244	101.96	84.79	178.37	0.00	-2.97	-3.95	0.0
22387	4317.2	1255.0	572.6	317.9	369.7	379.9	0.0432	0.0512	0.0244	101.65	85.86	179.79	0.00	-3.03	-4.00	0.0
22392	4474.5	1236.1	587.8	352.9	533.9	369.2	0.0438	0.0509	0.0244	104.96	90.27	188.00	0.00	-3.28	-4.20	0.0
22529	5.9	193.2	-454.8	-33.4	-58.9	-125.0	0.0066	0.0159	0.0127	33.00	13.80	17.21	0.00	-0.21	-0.71	0.0
22534	9.3	195.2	-466.2	-43.5	-63.9	-124.4	0.0070	0.0157	0.0127	31.76	14.21	17.51	0.00	-0.21	-0.72	0.0
22539	13.9	196.7	-478.6	-53.9	-69.0	-123.1	0.0075	0.0154	0.0127	30.32	14.69	17.84	0.00	-0.21	-0.74	0.0
22544	19.6	197.0	-491.9	-64.4	-73.9	-121.2	0.0080	0.0152	0.0127	28.73	15.22	18.15	0.00	-0.21	-0.76	0.0
22549	7.7	191.0	-529.6	-33.5	-55.6	-138.1	0.0066	0.0159	0.0127	33.05	13.82	17.24	0.00	-0.21	-0.78	0.0
22554	11.0	193.5	-542.9	-43.6	-61.4	-137.3	0.0070	0.0157	0.0127	31.85	14.25	17.56	0.00	-0.21	-0.80	0.0
22559	15.6	196.0	-557.0	-54.1	-67.1	-135.1	0.0075	0.0154	0.0127	30.50	14.78	17.94	0.00	-0.21	-0.82	0.0
22564	21.3	197.3	-571.9	-64.8	-72.3	-131.4	0.0080	0.0152	0.0127	28.96	15.34	18.29	0.00	-0.21	-0.84	0.0
22629	3643.0	1068.6	466.1	348.7	-411.2	149.1	0.0443	0.0507	0.0244	84.41	73.75	152.87	0.00	-2.65	-3.38	0.0
22634	3683.7	1205.2	442.8	920.2	-462.5	342.5	0.0446	0.0505	0.0244	90.04	79.65	164.48	0.00	-2.84	-3.89	0.0
22639	4669.4	1265.3	581.9	459.1	696.5	435.0	0.0443	0.0507	0.0244	109.85	95.98	198.95	0.00	-3.53	-4.54	0.0
22644	4125.9	1305.5	468.0	1145.8	773.2	613.3	0.0446	0.0505	0.0244	106.15	93.89	193.89	0.00	-3.71	-4.60	0.0
22717	24.8	195.9	-503.1	-72.1	-77.7	-118.8	0.0085	0.0149	0.0127	27.35	15.62	18.32	0.00	-0.21	-0.77	0.0
22722	30.2	194.9	-511.7	-77.6	-80.6	-117.2	0.0089	0.0147	0.0127	26.40	15.95	18.48	0.00	-0.21	-0.78	0.0
22727	26.6	196.8	-584.5	-72.5	-76.4	-127.2	0.0085	0.0149	0.0127	27.59	15.75	18.48	0.00	-0.21	-0.85	0.0
22732	31.9	195.0	-594.5	-77.6	-79.6	-124.9	0.0089	0.0147	0.0127	26.51	16.02	18.55	0.00	-0.21	-0.86	0.0
22741	619.3	212.1	-1069.7	265.6	268.6	-264.6	0.0143	0.0120	0.0244	53.01	63.29	31.09	0.00	-0.58	-1.94	0.0
22810	632.8	216.5	-1036.1	283.7	301.3	-270.0	0.0139	0.0122	0.0244	56.94	64.57	32.32	0.00	-0.60	-1.95	0.0
22819	572.6	210.7	-1036.9	271.2	283.5	-276.9	0.0144	0.0118	0.0127	50.53	61.69	57.19	0.00	-0.55	-1.89	0.0
22828	665.9	231.6	-1032.1	297.7	294.3	-263.0	0.0143	0.0120	0.0244	57.89	69.11	33.94	0.00	-0.64	-1.98	0.0
22897	675.5	232.8	-1008.1	314.4	328.4	-266.1	0.0139	0.0122	0.0244	61.69	69.96	35.02	0.00	-0.67	-2.00	0.0
22906	616.1	224.8	-1007.3	302.3	304.0	-273.2	0.0144	0.0118	0.0127	55.08	67.23	62.33	0.00	-0.61	-1.93	0.0
22971	332.6	-0.5	-725.1	12.8	-43.7	-58.4	0.0266	0.0057	0.0127	12.61	58.92	26.37	0.00	-0.33	-1.07	0.0
22972	327.6	2.7	-712.4	36.1	-53.2	-61.4	0.0263	0.0058	0.0127	12.71	57.76	26.36	0.00	-0.33	-1.05	0.0
22973	319.2	10.0	-696.0	59.7	-55.9	-64.8	0.0259	0.0060	0.0127	12.92	55.56	26.34	0.00	-0.33	-1.04	0.0
22974	310.1	21.2	-684.4	82.9	57.8	-68.7	0.0252	0.0064	0.0127	13.22	52.51	26.25	0.00	-0.33	-1.03	0.0
22975	299.1	35.7	-678.5	104.6	77.9	-74.0	0.0244	0.0068	0.0127	13.86	49.84	26.60	0.00	-0.33	-1.03	0.0
22976	284.8	53.1	-675.6	124.1	96.9	-80.7	0.0233	0.0073	0.0127	14.65	46.84	26.91	0.00	-0.32	-1.04	0.0
22977	267.2	73.1	-673.7	140.6	114.9	-89.0	0.0222	0.0079	0.0127	15.56	43.66	27.13	0.00	-0.32	-1.05	0.0
22978	247.4	95.0	-671.8	154.0	132.6	-99.0	0.0208	0.0086	0.0127	16.65	40.53	27.30	0.00	-0.31	-1.06	0.0
22979	226.5	118.8	-669.6	164.6	150.2	-111.6	0.0194	0.0093	0.0127	18.00	37.67	27.48	0.00	-0.31	-1.07	0.0
22980	206.3	144.8	-666.7	173.2	168.6	-128.0	0.0179	0.0100	0.0127	19.76	35.32	27.85	0.00	-0.30	-1.08	0.0
22981	188.6	174.6	-663.2	181.7	187.8	-150.3	0.0521	0.0108	0.0127	6.99	33.79	28.68	0.00	-0.29	-1.11	0.0
22982	177.1	212.5	-657.8	192.8	207.8	-180.5	0.0506	0.0116	0.0127	7.68	33.61	30.57	0.00	-0.29	-1.15	0.0
22983	168.7	266.8	-646.2	213.9	225.9	-219.0	0.0491	0.0481	0.0127	8.93	9.12	34.48	0.00	-0.31	-1.21	0.0
22984	205.6	356.4	-603.7	248.3	243.6	271.9	0.0476	0.0488	0.0127	13.57	13.25	50.86	0.00	-0.62	-1.36	0.0
22985	119.3	563.5	-504.2	329.1	264.8	349.6	0.0466	0.0495	0.0244	18.76	17.69	35.80	0.00	-0.92	-1.52	0.0
22986	1836.9	1314.4	30.3	1273.6	289.3	470.5	0.0454	0.0501	0.0244	65.39	59.28	121.49	0.00	-2.62	-3.11	0.0
23051	331.3	0.9	-844.1	12.8	-57.7	-53.2	0.0266	0.0057	0.0127	12.60	58.89	26.35	0.00	-0.33	-1.19	0.0
23052	324.7	4.3	-820.2	34.9	-70.3	-55.6	0.0263	0.0058	0.0127	12.65	57.49	26.24	0.00	-0.33	-1.16	0.0
23053	317.6	11.4	-793.7	59.3	-68.8	-58.1	0.0259	0.0060	0.0127	12.90	55.46	26.29	0.00	-0.33	-1.14	0.0
23054	312.5	23.3	-778.8	83.7	67.5	-61.3	0.0252	0.0064	0.0127	13.36	53.07	26.53	0.00	-0.33	-1.13	0.0
23055	305.8	38.2	-773.1	106.8	87.2	-66.9	0.0244	0.0068	0.0127	14.21	51.10	27.27	0.00	-0.34	-1.13	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
23056	294.3	56.3	-770.4	127.7	104.7	-74.2	0.0233	0.0073	0.0127	15.16	48.47	27.85	0.00	-0.34	-1.14	0.0
23057	278.8	77.2	-768.3	145.8	121.0	-83.2	0.0222	0.0079	0.0127	16.23	45.54	28.30	0.00	-0.34	-1.15	0.0
23058	260.2	100.4	-766.2	160.7	136.8	-93.9	0.0208	0.0086	0.0127	17.47	42.53	28.64	0.00	-0.33	-1.16	0.0
23059	239.7	125.5	-763.5	172.4	152.4	-107.0	0.0194	0.0093	0.0127	18.95	39.66	28.94	0.00	-0.33	-1.17	0.0
23060	218.8	152.5	-760.2	181.4	168.6	-123.4	0.0179	0.0100	0.0127	20.80	37.18	29.31	0.00	-0.32	-1.19	0.0
23061	199.6	182.4	-756.4	189.4	186.0	-144.8	0.0521	0.0108	0.0127	7.32	35.39	30.04	0.00	-0.31	-1.21	0.0
23062	186.4	218.9	-751.4	199.1	204.5	-172.7	0.0506	0.0116	0.0127	7.96	34.83	31.67	0.00	-0.31	-1.24	0.0
23063	175.6	270.4	-742.4	217.9	222.4	221.6	0.0491	0.0481	0.0127	10.66	10.88	41.16	0.00	-0.52	-1.34	0.0
23064	213.6	354.5	-706.3	251.7	237.0	279.0	0.0476	0.0488	0.0127	13.53	13.21	50.71	0.00	-0.62	-1.45	0.0
23065	100.6	550.9	-620.3	313.5	248.9	339.4	0.0466	0.0495	0.0244	17.82	16.80	34.01	0.00	-0.89	-1.58	0.0
23066	1846.6	1285.7	-37.7	1243.9	529.2	551.4	0.0454	0.0501	0.0244	66.71	60.48	123.94	0.00	-2.72	-3.27	0.0
23075	201.7	176.6	-930.5	-102.1	-191.4	-217.4	0.0143	0.0120	0.0127	20.47	24.27	22.98	0.00	-0.13	-1.30	0.0
23144	187.1	177.4	-890.6	-101.7	-205.1	-227.3	0.0138	0.0123	0.0127	20.56	23.19	22.36	0.00	-0.12	-1.26	0.0
23153	196.9	172.7	-897.9	-105.2	-201.3	-230.3	0.0143	0.0118	0.0127	20.29	24.61	22.87	0.00	-0.12	-1.28	0.0
23162	237.5	181.8	-893.4	-114.6	-193.6	-221.6	0.0143	0.0120	0.0127	22.98	27.25	25.80	0.00	-0.16	-1.30	0.0
23231	223.6	182.1	-862.2	-112.7	-207.2	-230.9	0.0138	0.0123	0.0127	22.97	25.92	24.99	0.00	-0.14	-1.27	0.0
23240	232.7	176.1	-868.3	-116.0	-202.1	-233.6	0.0143	0.0118	0.0127	22.62	27.43	25.49	0.00	-0.15	-1.28	0.0
23305	39.3	191.4	-527.7	-88.6	-85.0	-117.3	0.0097	0.0143	0.0127	24.78	16.69	18.83	0.00	-0.21	-0.80	0.0
23306	54.2	183.2	-550.6	-101.9	-90.5	-114.8	0.0109	0.0137	0.0127	22.38	17.77	19.18	0.00	-0.22	-0.83	0.0
23307	72.0	172.4	-570.7	-113.5	-95.2	-111.0	0.0119	0.0130	0.0127	20.94	19.06	19.56	0.00	-0.22	-0.85	0.0
23308	91.4	159.2	-587.8	-122.4	-98.7	-106.0	0.0133	0.0123	0.0127	19.00	20.56	19.92	0.00	-0.22	-0.87	0.0
23309	111.9	144.3	-602.8	-128.6	-101.7	-100.6	0.0148	0.0116	0.0127	17.38	22.30	20.28	0.00	-0.23	-0.89	0.0
23310	133.5	128.6	-616.1	-132.3	-104.0	-95.3	0.0164	0.0108	0.0127	16.09	24.42	20.73	0.00	-0.23	-0.91	0.0
23311	156.5	112.4	-627.3	-133.6	-104.8	-89.9	0.0179	0.0100	0.0127	15.10	26.99	21.28	0.00	-0.24	-0.93	0.0
23312	180.6	95.9	-636.4	-132.4	-103.4	-84.1	0.0194	0.0093	0.0127	14.36	30.05	21.92	0.00	-0.25	-0.94	0.0
23313	205.1	79.0	-643.7	-128.0	-99.4	-78.1	0.0208	0.0086	0.0127	13.77	33.51	22.57	0.00	-0.27	-0.95	0.0
23314	228.9	62.2	-649.8	-120.0	-92.8	-72.4	0.0222	0.0079	0.0127	13.28	37.26	23.16	0.00	-0.28	-0.96	0.0
23315	250.9	46.2	-655.6	-108.4	-83.6	-67.3	0.0233	0.0073	0.0127	12.86	41.13	23.63	0.00	-0.29	-0.97	0.0
23316	270.3	31.6	-662.1	-93.2	-71.8	-63.2	0.0244	0.0068	0.0127	12.50	44.93	23.98	0.00	-0.30	-0.98	0.0
23317	287.0	19.1	-671.4	-75.1	-57.5	-60.3	0.0252	0.0064	0.0127	12.21	48.52	24.26	0.00	-0.30	-0.99	0.0
23318	302.3	9.1	-686.4	-54.7	-42.4	-58.7	0.0259	0.0060	0.0127	12.09	51.99	24.64	0.00	-0.31	-1.01	0.0
23319	317.3	2.5	-706.4	-33.0	34.1	-57.6	0.0263	0.0058	0.0127	12.23	55.57	25.36	0.00	-0.32	-1.03	0.0
23320	329.1	-0.5	-723.0	-10.7	-32.9	-57.1	0.0266	0.0057	0.0127	12.43	58.10	26.00	0.00	-0.33	-1.06	0.0
23385	41.0	191.1	-613.7	-88.7	-84.4	-124.5	0.0097	0.0143	0.0127	24.84	16.73	18.87	0.00	-0.22	-0.89	0.0
23386	55.8	181.9	-640.1	-101.5	-90.0	-121.1	0.0109	0.0137	0.0127	22.32	17.72	19.13	0.00	-0.22	-0.92	0.0
23387	73.3	170.5	-661.6	-112.4	-94.0	-115.4	0.0119	0.0130	0.0127	20.80	18.93	19.42	0.00	-0.22	-0.94	0.0
23388	91.9	156.4	-678.4	-120.3	-96.7	-108.1	0.0133	0.0123	0.0127	18.74	20.27	19.64	0.00	-0.22	-0.96	0.0
23389	111.2	140.7	-693.1	-125.2	-99.2	-101.1	0.0148	0.0116	0.0127	17.00	21.82	19.84	0.00	-0.22	-0.97	0.0
23390	131.5	124.9	-706.3	-127.8	-101.6	-94.9	0.0164	0.0108	0.0127	15.64	23.74	20.15	0.00	-0.23	-0.99	0.0
23391	153.0	109.2	-717.6	-128.5	-102.7	-88.6	0.0179	0.0100	0.0127	14.63	26.14	20.61	0.00	-0.24	-1.00	0.0
23392	175.9	93.4	-726.9	-127.0	-101.8	-82.0	0.0194	0.0093	0.0127	13.88	29.05	21.20	0.00	-0.25	-1.02	0.0
23393	199.3	77.3	-734.6	-122.7	-98.3	-75.2	0.0208	0.0086	0.0127	13.31	32.40	21.82	0.00	-0.26	-1.03	0.0
23394	222.3	61.3	-741.2	-115.1	-92.4	-68.7	0.0222	0.0079	0.0127	12.85	36.06	22.41	0.00	-0.27	-1.04	0.0
23395	243.7	46.0	-747.4	-103.8	-84.1	-62.9	0.0233	0.0073	0.0127	12.46	39.85	22.89	0.00	-0.28	-1.05	0.0
23396	262.5	32.1	-754.1	-89.2	-73.4	-58.1	0.0244	0.0068	0.0127	12.12	43.57	23.26	0.00	-0.29	-1.06	0.0
23397	277.8	20.1	-763.8	-71.4	-59.4	-54.6	0.0252	0.0064	0.0127	11.81	46.92	23.46	0.00	-0.29	-1.07	0.0
23398	292.2	10.0	-782.5	-51.2	53.8	-53.3	0.0259	0.0060	0.0127	11.77	50.60	23.98	0.00	-0.30	-1.09	0.0
23399	309.3	3.9	-813.2	-29.6	57.4	-52.6	0.0263	0.0058	0.0127	11.98	54.42	24.83	0.00	-0.31	-1.13	0.0
23400	326.1	0.9	-841.6	-9.1	48.0	-52.0	0.0266	0.0057	0.0127	12.36	57.76	25.84	0.00	-0.32	-1.18	0.0
23529	1299.2	589.8	-891.9	62.9	165.2	172.2	0.0288	0.0171	0.0045	47.06	50.27	50.25	0.00	-0.27	-1.17	15.0
23530	1341.1	586.2	-899.3	72.0	171.2	172.0	0.0288	0.0171	0.0045	48.71	51.39	51.37	0.00	-0.30	-1.18	15.0
23531	1366.1	573.8	-905.3	88.7	181.1	173.5	0.0288	0.0171	0.0045	49.97	52.78	52.78	0.00	-0.34	-1.20	15.0
23532	1350.1	538.7	-946.9	113.2	210.6	174.4	0.0288	0.0171	0.0045	50.23	53.41	53.34	0.00	-0.41	-1.25	15.0
23533	1215.1	476.8	-908.7	135.7	294.8	234.2	0.0288	0.0171	0.0045	47.88	55.68	55.68	0.00	-0.51	-1.28	15.0
23534	531.5	37.1	-2811.3	123.0	1351.3	-186.5	0.0288	0.0171	0.0045	35.15	59.11	226.59	0.00	-0.96	-4.32	0.0
23535	-70.9	-399.5	-4863.3	94.8	301.1	-351.2	0.0288	0.0171	0.0057				-0.04	-0.39	-4.91	
23536	519.3	-35.4	-2963.5	85.6	-1326.2	-261.3	0.0288	0.0171	0.0057	34.49	58.00	175.57	0.00	-1.04	-4.42	0.0
23537	1340.0	394.1	-1003.4	94.4	-301.8	-169.5	0.0288	0.0171	0.0140	48.32	81.25	99.67	0.00	-0.99	-2.45	0.0
23538	1600.4	447.5	-984.3	98.3	170.4	174.3	0.0288	0.0171	0.0140	56.31	94.69	116.16	0.00	-1.17	-2.64	0.0
23539	1667.3	474.3	-956.4	107.8	221.3	170.5	0.0288	0.0171	0.0140	58.95	99.13	121.61	0.00	-1.22	-2.69	0.0
23540	1643.2	482.7	-960.6	118.6	258.6	-171.1	0.0288	0.0171	0.0140	58.23	97.92	120.13	0.00	-1.18	-2.69	0.0
23541	1549.7	482.7	-965.8	129.3	299.1	-172.7	0.0288	0.0171	0.0140	55.39	93.15	114.27	0.00	-1.10	-2.62	0.0
23542	1382.7	476.2	-972.3	139.7	349.7	-174.7	0.0288	0.0171	0.0140	50.23	84.47	103.62	0.00	-0.96	-2.49	0.0
23543	1127.5	465.3	-978.1	151.9	415.1	-177.8	0.0288	0.0171	0.0140	42.51	71.49	87.70	0.00	-0.75	-2.31	0.0
23544	769.5	453.0	-980.9	171.8	495.2	-193.4	0.0401	0.0171	0.0140	23.19	54.30	66.62	0.00	-0.47	-2.07	0.0
23545	1300.6	574.9	-885.5	24.6	145.2	166.7	0.0288	0.0171	0.0045	46.24	45.69	46.24	0.00	-0.19	-1.14	12.7
23546	1346.4	568.5	-892.6	30.9	150.8	166.7	0.0288	0.0171	0.0045	47.86	65.39	0.00	0.00	-0.50	-0.98	15.0
23547	1376.5	550.6	-900.3	40.4	161.2	166.4	0.0288	0.0171	0.0045	49.44	49.43	0.00	0.00	-0.28	-0.97	13.8
23548	1363.3	506.9	-935.4	52.3	191.1	172.5	0.0288	0.0171	0.0045	49.16	49.15	49.14	0.00	-0.33	-1.22	11.9
23549	1197.7	425.4	-970.0	60.2	331.9	172.0	0.0288	0.0171	0.0045	46.11	45.10	46.10	0.00	-0.36	-1.30	15.0
23550	512.9	13.0	-2714.2	57.9	1260.2	-173.9	0.0288	0.0171	0.0045	32.87	55.27	211.88	0.00	-0.92	-4.11	0.0
23551	-12.7	-343.2	-4446.2	-54.7	156.6	-163.5	0.0288	0.0171	0.0057	0.12	0.21	0.63	0.00	-0.35	-4.46	0.0
23552	582.9	9.2	-2712.2	-60.7	-1184.1	170.4	0.0288	0.0171	0.0057	33.91	57.03	172.63	0.00	-0.97	-4.08	0.0
23553	1355.1	384.8	-998.2	-65.7	-274.1	-163.7	0.0288	0.0171	0.0140	48.22	81.08	99.47	0.00	-0.99	-2.44	0.0
23554	1611.2	433.2	-978.7	-70.6	147.9	166.0	0.0288	0.0171	0.0140	56.34	94.74	116.22	0.00	-1.17	-2.63	0.0
23555	1679.2	459.4	-950.4	-72.2	201.5	165.0	0.0288	0.0171	0.0140	58.93	99.10	121.57	0.00	-1.22	-2.68	0.0
23556	1653.8	468.4	-954.7	76.7	238.9	164.3	0.0288	0.0171	0.0140	58.41	98.22	120.49	0.00	-1.20	-2.68	0.0
23557	1557.8	468.8	-960.0	84.1	279.7	164.3	0.0288	0.0171	0.0140	55.47	93.28	114.43	0.00	-1.12	-2.60	0.0
23558	1387.3	462.5	-966.5	92.5	330.6	165.1	0.0288	0.0171	0.0140	50.21	84.43	103.58	0.00	-0.98	-2.47	0.0
23559	1128.9	451.8	-972.4	103.7	395.8	168.1	0.0288	0.0171	0.0140	42.49	71.45	87.66	0.00	-0.78	-2.28	0.0
23560	769.7	438.2	-975.4	121.5	474.3	184.1	0.0401	0.0171	0.0140	23.54	55.12	67.61	0.00	-0.55	-2.05	0.0
23561	1295.4	564.4	-876.4	-17.0	145.2	169.7	0.0288	0.0171	0.0045	45.48	34.12	127.25	0.00	0.00	-1.48	1.9
23562	1341.3	558.2	-883.5	-28.3	150.7	169.4	0.0288	0.0171	0.0045	47.29	47.27	46.92	0.00	-0.22	-1.15	5.8
23563	1371.6	540.4	-891.1	-42.3	161.1	169.4	0.0288	0.0171	0.0045	48.64	51.75	0.00	0.00	-0.30	-0.97	10.9
23564	1358.7	496.8	-926.2	-58.4	190.9	163.1	0.0288	0.0171	0.0045	48.52	48.48	15.64	0.00	-0.30	-1.07	9.0
23565	1193.3	415.4	-960.9	-70.0	331.7	163.2	0.0288	0.0171	0.0045	43.25	72.73	278.81	0.00	-0.81	-2.28	0.0
23566	508.9	3.2	-2705.0	-70.8	1259.9	188.8	0.0288	0.0171	0.0045	32.77	55.11	211.28	0.00	-0.93	-4.10	0.0
23567	-16.1	-352.8	-4437.1	-66.7	156.3	177.6	0.0288	0.0171	0.0057				0.00	-0.36	-4.45	
23568	580.0	-0.1	-2703.1	-72.7	-1184.5	163.6	0.0288	0.0171	0.0057	33.93	57.06	172.73	0.00	-0.99	-4.07	0.0
23569	1352.9	375.8	-989.0	-77.5	-274.5	176.0	0.0288	0.0171	0.0140	48.40	81.39	99.84	0.00	-1.01	-2.43	0.0
23570	1609.6	424.4	-969.5	-79.8	147.4	167.0	0.0288	0.0171	0.0140	56.32	94.71	116.18	0.00	-1.18	-2.62	0.0
23571	1678.4	451.0	-941.2	-83.2	201.1	167.5	0.0288	0.0171	0.0140	58.94	99.11	121.59	0.00	-1.23	-2.68	0.0
23572	1653.6	460.3	-945.6	-86.5	238.5	167.8	0.0288	0.0171	0.0140	58.31	98.05	120.29	0.00	-1.20	-2.67	0.0
23573	1558.3	461.0	-950.9	-89.3	279.3	168.1	0.0288	0.0171	0.0140	55.32	93.03	114.12	0.00	-1.12	-2.60	0.0
23574	1388.4	455.2	-957.5	-92.3	330.3	169.2	0.0288	0.0171	0.0140	49.95	84.00	103.05	0.00	-0.97	-2.46	0.0
23575	1130.4	444.8	-963.4	-97.8	395.7	172.3	0.0288	0.0171	0.0140	41.95	70.55	86.54	0.00	-0.75	-2.27	0.0
23576	771.3	431.7	-966.5	-110.7	474.4	187.9	0.0401	0.0171	0.0140	22.45	52.58	64.50	0.00	-0.45	-2.02	0.0
23577	1283.6	558.7	-864.6	-55.4	165.1	181.2	0.0288	0.0171	0.0045	45.74	45.71	0.00	0.00	-0.18	-0.95	9.9
23578	1325.9	555.2	-872.0	-69.3	170.9	181.1	0.0288	0.0171	0.0045	47.38	47.37	0.00	0.00	-0.21	-0.96	10.6

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
23579	1351.4	543.1	-878.0	-90.6	180.7	179.3	0.0288	0.0171	0.0045	48.58	48.58	6.20	0.00	-0.25	-1.00	10.9
23580	1336.0	508.4	-919.6	-119.3	210.0	178.1	0.0288	0.0171	0.0045	48.78	48.74	0.00	0.00	-0.29	-1.03	12.3
23581	1202.1	447.0	-881.4	-145.4	294.0	-218.9	0.0288	0.0171	0.0045	47.63	54.42	54.41	0.00	-0.53	-1.25	15.0
23582	519.7	8.0	-2784.0	-135.8	1350.4	201.2	0.0288	0.0171	0.0045	34.90	58.68	224.95	0.00	-0.98	-4.29	0.0
23583	-81.3	-428.0	-4835.9	-109.8	300.1	365.1	0.0288	0.0171	0.0057				-0.04	-0.42	-4.89	
23584	510.7	-63.1	-2936.2	-101.9	-1327.5	274.4	0.0288	0.0171	0.0057	34.55	58.11	175.89	0.00	-1.08	-4.40	0.0
23585	1333.3	367.1	-976.0	-111.0	-303.1	181.6	0.0288	0.0171	0.0140	48.26	81.15	99.55	0.00	-1.02	-2.42	0.0
23586	1595.6	421.4	-957.0	-113.9	169.1	176.2	0.0288	0.0171	0.0140	56.09	94.32	115.71	0.00	-1.18	-2.61	0.0
23587	1664.7	449.2	-929.2	-121.1	219.9	179.4	0.0288	0.0171	0.0140	58.75	98.80	121.20	0.00	-1.23	-2.67	0.0
23588	1642.7	458.5	-933.3	-128.6	257.2	179.9	0.0288	0.0171	0.0140	58.26	97.98	120.19	0.00	-1.20	-2.66	0.0
23589	1551.3	459.6	-938.6	-134.7	297.8	180.6	0.0288	0.0171	0.0140	55.47	93.27	114.42	0.00	-1.12	-2.60	0.0
23590	1385.9	454.3	-945.2	-139.7	348.8	181.7	0.0288	0.0171	0.0140	50.33	84.64	103.83	0.00	-0.98	-2.47	0.0
23591	1131.8	444.6	-951.1	-146.3	414.7	184.4	0.0288	0.0171	0.0140	42.59	71.63	87.87	0.00	-0.77	-2.29	0.0
23592	774.0	433.6	-954.1	-161.2	495.6	200.2	0.0401	0.0171	0.0140	23.16	54.25	66.55	0.00	-0.48	-2.05	0.0
23593	2335.9	1036.4	1314.3	119.1	1704.3	353.5	0.0193	0.0284	0.0244	188.96	128.25	148.98	0.00	-2.60	-3.64	0.0
23594	2315.2	1083.9	1255.7	98.6	1663.7	316.0	0.0192	0.0284	0.0244	185.66	125.21	145.68	0.00	-2.47	-3.56	0.0
23595	2320.3	1084.1	1272.5	83.5	1667.8	272.6	0.0192	0.0284	0.0244	185.95	125.41	145.91	0.00	-2.48	-3.55	0.0
23596	2350.7	1036.8	1364.0	-82.3	1716.5	-286.8	0.0193	0.0284	0.0244	190.23	129.11	149.98	0.00	-2.62	-3.63	0.0
23613	-2.4	402.5	-453.2	51.0	-58.5	301.9	0.0193	0.0171	0.0244	25.96	29.29	20.47	0.00	-0.50	-1.06	0.0
23614	-3.7	409.9	-460.2	20.3	-56.2	267.2	0.0192	0.0171	0.0244	25.32	28.35	19.87	0.00	-0.48	-1.03	0.0
23615	-4.2	406.9	-449.6	-17.4	-56.6	-237.0	0.0192	0.0171	0.0244	24.42	27.34	19.16	0.00	-0.47	-0.99	0.0
23616	-3.7	393.9	-421.6	-47.8	-59.6	-273.0	0.0193	0.0171	0.0244	24.84	28.02	19.58	0.00	-0.47	-0.99	0.0
23633	123.1	365.6	-901.5	125.3	-112.5	325.9	0.0401	0.0171	0.0140	11.76	27.54	33.78	0.00	-0.36	-1.47	0.0
23634	106.6	307.5	-902.5	83.0	-94.4	290.5	0.0401	0.0171	0.0140	9.64	22.58	27.71	0.00	-0.28	-1.37	0.0
23635	106.6	303.5	-893.4	-80.1	-94.7	-279.5	0.0401	0.0171	0.0140	9.43	22.08	27.09	0.00	-0.27	-1.34	0.0
23636	122.8	353.6	-874.0	-122.0	-113.3	-315.2	0.0401	0.0171	0.0140	11.37	26.63	32.67	0.00	-0.34	-1.42	0.0
23637	175.7	384.6	-895.1	155.5	266.6	271.6	0.0401	0.0171	0.0140	13.98	32.73	40.15	0.00	-0.46	-1.56	0.0
23638	156.4	360.4	-888.1	92.9	232.4	250.9	0.0401	0.0171	0.0140	11.79	27.62	33.88	0.00	-0.34	-1.45	0.0
23639	156.2	355.6	-878.6	-85.0	232.4	241.1	0.0401	0.0171	0.0140	10.19	23.87	29.29	0.00	-0.21	-1.39	0.0
23640	175.0	370.6	-866.9	-147.3	266.6	-260.7	0.0401	0.0171	0.0140	13.49	31.60	38.77	0.00	-0.44	-1.51	0.0
23641	137.8	402.3	-910.3	164.0	481.9	254.2	0.0401	0.0171	0.0140	15.53	36.36	44.60	0.00	-0.50	-1.74	0.0
23642	126.4	386.6	-904.2	100.0	450.5	239.1	0.0401	0.0171	0.0140	13.43	31.44	38.57	0.00	-0.37	-1.64	0.0
23643	126.7	381.3	-894.9	-87.8	450.9	234.6	0.0401	0.0171	0.0140	10.56	24.72	30.33	0.00	-0.13	-1.53	0.0
23644	138.5	386.7	-882.4	-151.5	483.2	-243.7	0.0401	0.0171	0.0140	14.99	35.10	43.06	0.00	-0.46	-1.70	0.0
23645	137.3	421.0	-958.1	169.0	565.7	240.1	0.0401	0.0171	0.0140	16.36	38.32	47.01	0.00	-0.50	-1.87	0.0
23646	127.9	405.3	-952.7	108.5	538.4	228.6	0.0401	0.0171	0.0140	14.38	33.69	41.32	0.00	-0.38	-1.77	0.0
23647	128.7	399.6	-943.7	-94.4	538.9	228.4	0.0401	0.0171	0.0140	10.91	25.55	31.34	0.00	-0.08	-1.64	0.0
23648	139.7	404.1	-931.0	-154.8	567.1	239.0	0.0401	0.0171	0.0140	11.88	27.81	34.12	0.00	-0.12	-1.70	0.0
23649	412.7	438.7	-976.7	178.8	555.6	219.0	0.0401	0.0171	0.0140	19.51	45.68	56.04	0.00	-0.51	-1.97	0.0
23650	410.9	422.5	-971.5	124.0	531.6	210.7	0.0401	0.0171	0.0140	17.82	41.73	51.19	0.00	-0.40	-1.88	0.0
23651	412.2	416.5	-962.5	-110.3	531.9	212.9	0.0401	0.0171	0.0140	15.01	35.16	43.13	0.00	-0.16	-1.78	0.0
23652	416.4	420.6	-949.9	-165.3	556.7	225.5	0.0401	0.0171	0.0140	16.17	37.87	46.46	0.00	-0.22	-1.84	0.0
23781	1246.1	588.4	-886.1	59.1	160.7	172.2	0.0288	0.0171	0.0045	45.14	49.36	49.34	0.00	-0.26	-1.16	15.0
23782	1245.2	574.8	-879.6	22.1	141.0	166.8	0.0288	0.0171	0.0045	44.33	43.54	44.21	0.00	-0.16	-1.12	15.0
23783	1240.0	564.4	-870.5	11.5	141.0	169.8	0.0288	0.0171	0.0045	43.95	43.81	43.90	0.00	-0.16	-1.12	11.3
23784	1230.4	557.3	-858.7	-46.7	160.8	181.4	0.0288	0.0171	0.0045	43.20	72.65	278.50	0.00	-0.67	-2.14	0.0
23785	1182.5	584.1	-880.7	59.2	-157.0	172.0	0.0288	0.0171	0.0045	41.59	69.94	268.12	0.00	-0.60	-2.11	0.0
23786	1180.3	571.0	-874.2	25.5	-141.6	166.8	0.0288	0.0171	0.0045	41.33	69.50	266.42	0.00	-0.60	-2.09	0.0
23787	1175.1	560.6	-865.0	16.0	-141.6	170.0	0.0288	0.0171	0.0045	41.14	69.18	265.20	0.00	-0.60	-2.08	0.0
23788	1167.0	553.1	-853.4	-41.9	-156.7	181.8	0.0288	0.0171	0.0045	41.11	69.13	265.02	0.00	-0.61	-2.07	0.0
23789	1105.5	576.8	-877.0	61.9	-165.7	171.5	0.0288	0.0171	0.0045	39.00	65.59	251.45	0.00	-0.53	-2.04	0.0
23790	1102.8	564.0	-870.2	33.0	-150.2	166.7	0.0288	0.0171	0.0045	38.71	65.09	249.53	0.00	-0.53	-2.02	0.0
23791	1097.7	553.7	-861.1	24.0	-150.0	170.2	0.0288	0.0171	0.0045	38.51	64.76	248.28	0.00	-0.54	-2.00	0.0
23792	1090.2	546.1	-849.6	-39.7	-165.2	182.4	0.0288	0.0171	0.0045	38.53	64.79	248.36	0.00	-0.55	-2.00	0.0
23793	1006.5	564.9	-873.8	65.9	-179.0	170.7	0.0288	0.0171	0.0045	35.72	60.07	230.27	0.00	-0.45	-1.94	0.0
23794	1003.1	553.0	-867.0	42.0	-163.6	166.8	0.0288	0.0171	0.0045	35.37	59.49	228.05	0.00	-0.45	-1.92	0.0
23795	998.1	542.9	-857.9	33.1	-163.4	170.3	0.0288	0.0171	0.0045	35.17	59.15	226.75	0.00	-0.45	-1.91	0.0
23796	991.7	534.7	-846.5	40.8	-178.4	183.4	0.0288	0.0171	0.0045	35.07	58.97	226.06	0.00	-0.45	-1.90	0.0
23797	858.6	536.3	-905.7	72.2	-211.3	169.6	0.0288	0.0171	0.0045	30.95	52.05	199.53	0.00	-0.34	-1.84	0.0
23798	851.5	529.7	-898.8	52.3	-198.4	165.9	0.0288	0.0171	0.0045	30.45	51.21	196.31	0.00	-0.33	-1.82	0.0
23799	846.8	519.8	-889.6	41.1	-198.1	171.2	0.0288	0.0171	0.0045	30.22	50.82	194.84	0.00	-0.33	-1.80	0.0
23800	844.5	506.7	-878.3	46.9	-210.6	184.6	0.0288	0.0171	0.0045	30.26	50.88	195.07	0.00	-0.34	-1.80	0.0
23801	570.8	484.9	-908.3	78.6	-350.3	-193.9	0.0288	0.0171	0.0057	24.86	41.81	126.55	0.00	-0.28	-1.72	0.0
23802	570.3	495.0	-900.4	62.4	-313.8	-175.6	0.0288	0.0171	0.0057	23.85	40.11	121.41	0.00	-0.23	-1.67	0.0
23803	565.9	485.3	-891.2	48.9	-313.5	190.8	0.0288	0.0171	0.0057	21.91	36.85	111.55	0.00	-0.12	-1.61	0.0
23804	557.6	456.0	-881.0	54.1	-349.3	208.9	0.0288	0.0171	0.0057	22.15	37.25	112.77	0.00	-0.15	-1.63	0.0
23805	-154.5	52.1	-2950.9	65.0	-1291.7	-420.0	0.0288	0.0171	0.0057	16.31	27.43	83.04	0.00	-0.50	-3.96	0.0
23806	-74.8	139.6	-2627.5	62.9	-1101.1	-185.8	0.0288	0.0171	0.0057	13.74	23.11	69.95	0.00	-0.31	-3.44	0.0
23807	-78.9	130.3	-2618.3	65.5	-1100.7	200.2	0.0288	0.0171	0.0057	11.53	19.39	58.70	0.00	-0.19	-3.38	0.0
23808	-166.8	24.2	-2923.6	81.4	-1290.7	434.2	0.0288	0.0171	0.0057	12.74	21.43	64.87	0.00	-0.31	-3.85	0.0
23809	-186.4	27.6	-2931.0	-76.3	1287.4	-334.7	0.0288	0.0171	0.0057	14.70	24.72	74.82	0.00	-0.47	-3.89	0.0
23810	-102.7	110.8	-2613.2	57.1	1092.7	162.0	0.0288	0.0171	0.0057	12.39	20.83	63.05	0.00	-0.29	-3.38	0.0
23811	-106.5	101.8	-2604.0	87.0	1093.1	175.0	0.0288	0.0171	0.0057	13.18	22.16	67.07	0.00	-0.35	-3.40	0.0
23812	-197.6	0.8	-2903.6	116.7	1288.6	348.1	0.0288	0.0171	0.0057	15.61	26.25	79.46	0.00	-0.56	-3.89	0.0
23813	464.5	403.9	-878.9	-92.9	321.7	-184.9	0.0288	0.0171	0.0022	21.62	36.36	278.81	0.00	-0.29	-1.59	0.0
23814	471.5	409.7	-872.7	60.5	288.2	-172.3	0.0288	0.0171	0.0022	18.63	31.32	240.15	0.00	-0.11	-1.49	0.0
23815	468.2	401.1	-863.6	98.0	288.6	184.8	0.0288	0.0171	0.0022	21.44	36.05	276.38	0.00	-0.29	-1.56	0.0
23816	454.5	378.4	-851.5	135.4	323.1	197.2	0.0288	0.0171	0.0022	28.01	34.68	34.53	0.00	-0.40	-1.09	15.0
23817	667.0	400.4	-879.9	-87.6	198.4	-177.3	0.0288	0.0171	0.0022	26.35	42.56	42.56	0.00	-0.34	-1.05	6.6
23818	662.3	393.9	-867.9	71.5	177.0	165.8	0.0288	0.0171	0.0022	26.26	34.76	34.76	0.00	-0.23	-1.01	15.0
23819	659.4	385.8	-858.8	100.0	177.6	170.5	0.0288	0.0171	0.0022	27.19	35.65	35.57	0.00	-0.28	-1.00	15.0
23820	658.5	376.5	-852.6	131.4	200.0	188.4	0.0288	0.0171	0.0022	27.31	43.99	43.99	0.00	-0.42	-1.03	7.2
23821	722.5	390.3	-834.9	-79.4	167.9	-174.7	0.0288	0.0171	0.0022	28.29	36.50	36.47	0.00	-0.26	-0.98	15.0
23822	715.4	377.0	-826.6	81.8	-151.2	165.5	0.0288	0.0171	0.0022	26.49	31.75	0.00	0.00	-0.14	-0.90	12.1
23823	713.0	369.5	-817.4	101.4	-150.6	170.2	0.0288	0.0171	0.0022	26.93	31.88	0.00	0.00	-0.16	-0.90	14.9
23824	715.5	368.1	-807.5	123.6	169.7	184.5	0.0288	0.0171	0.0022	29.58	37.84	37.79	0.00	-0.34	-0.96	15.0
23825	714.2	376.3	-825.2	85.2	-179.6	-172.6	0.0288	0.0171	0.0022	28.37	36.28	36.26	0.00	-0.28	-0.98	15.0
23826	708.4	359.1	-818.3	90.8	-164.4	165.8	0.0288	0.0171	0.0022	26.48	31.99	0.00	0.00	-0.16	-0.90	11.2
23827	706.6	352.2	-809.1	103.4	-163.7	169.3	0.0288	0.0171	0.0022	26.70	32.17	0.00	0.00	-0.18	-0.89	12.5
23828	709.0	356.0	-797.8	118.1	-177.7	181.1	0.0288	0.0171	0.0022	27.37	31.90	31.90	0.00	-0.18	-0.96	15.0
23829	675.6	364.8	-816.5	95.4	-188.4	-173.4	0.0288	0.0171	0.0022	26.29	46.47	46.47	0.00	-0.43	-1.00	8.4
23830	672.1	346.5	-809.8	98.4	-172.8	166.0	0.0288	0.0171	0.0022	25.71	29.58	0.00	0.00	-0.14	-0.89	15.0
23831	671.0	340.4	-800.6	107.0	-172.2	168.8	0.0288	0.0171	0.0022	25.50	32.91	0.00	0.00	-0.20	-0.89	10.5
23832	672.1	346.5	-789.1	117.7	-186.5	180.4	0.0288	0.0171	0.0022	26.14	31.63	0.00	0.00	-0.17	-0.89	13.6
23833	624.2	354.8	-808.6	102.8	-194.6	-175.1	0.0288	0.0171	0.0022	25.25	41.54	41.54	0.00	-0.38	-0.98	7.2
23834	622.2	338.1	-801.9	105.5	-179.0	166.4	0.0288	0.0171	0.0022	23.75	34.20	0.00	0.00	-0.21	-0.90	9.9
23835	621.7	332.7	-792.8	112.7	-178.3	169.1	0.0288	0.0171	0.0022	23.97	32.94	0.00	0.00	-0.20	-0.89	10.0
23836	622.5	338.7	-781.3	121.8	-192.7	180.5	0.0288	0.0171	0.0022	24.58	31.42	0.00	0.00	-0.17	-0.89	12.4
23837	572.5	347.4	-799.4	111.0	-200.4	-177.9	0.0288	0.0171	0.0022	25.65	33.58	33.55	0.00	-0.31	-0.96	15.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
23838	569.9	333.5	-792.8	114.4	-184.4	168.4	0.0288	0.0171	0.0022	22.74	29.43	0.00	0.00	-0.16	-0.89	12.9
23839	569.9	328.9	-783.8	121.5	-183.8	170.9	0.0288	0.0171	0.0022	22.59	31.61	0.00	0.00	-0.19	-0.89	10.4
23840	572.4	333.6	-772.2	130.4	-198.6	181.7	0.0288	0.0171	0.0022	23.52	29.47	29.06	0.00	-0.17	-0.94	15.0
23841	531.1	346.0	-788.4	127.0	-208.6	-193.3	0.0288	0.0171	0.0022	24.36	37.25	37.25	0.00	-0.37	-0.97	8.8
23842	524.7	333.0	-782.3	129.5	-191.1	182.5	0.0288	0.0171	0.0022	20.71	34.83	267.03	0.00	-0.27	-1.44	0.0
23843	525.1	329.1	-773.2	136.9	-190.6	184.6	0.0288	0.0171	0.0022	20.88	35.12	269.26	0.00	-0.29	-1.44	0.0
23844	532.2	334.4	-761.3	147.5	-207.0	195.7	0.0288	0.0171	0.0022	21.45	36.07	276.59	0.00	-0.30	-1.45	0.0
23845	2.3	189.3	-587.1	-17.2	-37.1	-162.0	0.0080	0.0171	0.0127	27.93	13.01	17.48	0.00	-0.22	-0.84	0.0
23850	1.3	184.1	-580.7	-8.5	-32.1	-166.7	0.0079	0.0171	0.0127	27.83	12.78	17.23	0.00	-0.22	-0.84	0.0
23855	1.4	182.9	-572.3	10.1	-32.2	-165.6	0.0079	0.0171	0.0127	27.82	12.78	17.22	0.00	-0.22	-0.83	0.0
23860	2.4	185.4	-562.1	18.5	-37.1	-159.4	0.0080	0.0171	0.0127	27.77	12.94	17.39	0.00	-0.22	-0.82	0.0
23865	12.0	206.7	-673.2	-17.1	-23.7	-200.8	0.0080	0.0171	0.0127	31.53	14.69	19.74	0.00	-0.24	-0.97	0.0
23870	9.9	192.2	-673.6	-8.0	-16.0	-208.1	0.0079	0.0171	0.0127	30.48	14.00	18.86	0.00	-0.23	-0.96	0.0
23875	10.0	190.8	-664.8	10.1	-16.0	-205.6	0.0079	0.0171	0.0127	30.32	13.93	18.76	0.00	-0.23	-0.95	0.0
23880	12.2	202.6	-646.7	18.9	-23.9	-195.5	0.0080	0.0171	0.0127	31.15	14.51	19.50	0.00	-0.24	-0.94	0.0
23885	175.4	315.8	-799.8	-99.2	140.5	-293.9	0.0288	0.0171	0.0022	15.69	26.38	202.27	0.00	-0.33	-1.34	0.0
23886	283.9	333.8	-787.2	-102.6	220.5	-244.9	0.0288	0.0171	0.0022	17.31	29.11	223.18	0.00	-0.29	-1.37	0.0
23887	351.6	334.0	-778.0	-103.5	229.7	-237.2	0.0288	0.0171	0.0022	18.39	30.93	237.15	0.00	-0.29	-1.39	0.0
23888	412.8	338.0	-777.9	109.7	-217.8	-233.1	0.0288	0.0171	0.0022	19.61	32.98	252.83	0.00	-0.30	-1.42	0.0
23889	481.6	344.5	-780.4	127.8	-216.1	-218.7	0.0288	0.0171	0.0022	21.59	36.31	278.42	0.00	-0.35	-1.47	0.0
23890	154.0	265.3	-794.9	-78.7	117.2	-272.1	0.0288	0.0171	0.0022	13.21	22.21	170.30	0.00	-0.27	-1.25	0.0
23891	258.9	316.2	-781.4	85.3	188.0	-233.4	0.0288	0.0171	0.0022	13.41	22.56	172.94	0.00	-0.11	-1.25	0.0
23892	336.1	325.6	-772.3	96.4	199.3	-225.5	0.0288	0.0171	0.0022	14.84	24.96	191.36	0.00	-0.11	-1.28	0.0
23893	403.5	327.6	-772.0	109.3	-196.3	-220.2	0.0288	0.0171	0.0022	18.91	31.80	243.83	0.00	-0.29	-1.38	0.0
23894	473.0	331.7	-774.6	128.7	-196.4	-206.1	0.0288	0.0171	0.0022	20.98	35.28	270.47	0.00	-0.34	-1.44	0.0
23895	154.2	263.5	-785.9	82.6	117.1	269.8	0.0288	0.0171	0.0022	13.25	22.28	170.84	0.00	-0.27	-1.24	0.0
23896	259.3	314.2	-772.5	91.1	188.1	-232.9	0.0288	0.0171	0.0022	13.52	22.74	174.32	0.00	-0.12	-1.25	0.0
23897	336.8	323.2	-763.3	102.7	199.4	225.3	0.0288	0.0171	0.0022	17.49	29.42	225.54	0.00	-0.28	-1.34	0.0
23898	404.2	324.7	-763.0	116.5	-196.0	220.8	0.0288	0.0171	0.0022	16.96	28.52	218.70	0.00	-0.17	-1.33	0.0
23899	473.6	328.4	-765.6	136.2	-196.0	207.5	0.0288	0.0171	0.0022	19.40	32.62	250.14	0.00	-0.24	-1.40	0.0
23900	175.9	310.6	-772.9	102.9	140.3	291.7	0.0288	0.0171	0.0022	15.68	26.37	202.17	0.00	-0.33	-1.31	0.0
23901	285.2	327.6	-760.4	112.3	220.5	-244.2	0.0288	0.0171	0.0022	14.71	24.74	189.69	0.00	-0.13	-1.29	0.0
23902	353.5	326.7	-751.2	118.6	230.1	237.1	0.0288	0.0171	0.0022	18.87	31.73	243.25	0.00	-0.32	-1.38	0.0
23903	414.8	329.5	-751.0	129.6	218.5	233.7	0.0288	0.0171	0.0022	20.25	34.05	261.04	0.00	-0.34	-1.41	0.0
23904	483.4	334.6	-753.5	148.5	-214.9	220.1	0.0288	0.0171	0.0022	20.11	33.82	259.33	0.00	-0.25	-1.42	0.0
23905	2376.1	1008.4	1419.2	-96.3	1756.6	-336.4	0.0194	0.0283	0.0244	193.16	132.31	153.34	0.00	-2.72	-3.72	0.0
23906	2379.6	1012.7	1397.0	-116.0	1764.6	-390.9	0.0195	0.0283	0.0244	192.55	133.05	153.85	0.00	-2.73	-3.76	0.0
23915	-7.6	397.0	-400.3	-68.1	-60.8	-294.6	0.0194	0.0170	0.0244	25.68	29.29	20.39	0.00	-0.50	-1.01	0.0
23916	-7.2	410.2	-401.7	-95.9	-66.5	-316.4	0.0195	0.0169	0.0244	27.04	31.15	21.61	0.00	-0.53	-1.06	0.0
23925	156.1	365.2	-860.6	-148.4	-146.9	-341.1	0.0401	0.0171	0.0140	12.22	28.62	35.11	0.00	-0.34	-1.47	0.0
23926	159.7	341.3	-858.9	-137.2	-148.6	-339.4	0.0401	0.0171	0.0140	11.54	27.01	33.14	0.00	-0.31	-1.44	0.0
23927	193.9	361.0	-859.7	-164.7	318.0	-277.6	0.0401	0.0171	0.0140	14.40	33.73	41.38	0.00	-0.47	-1.56	0.0
23928	193.5	347.4	-856.8	-132.6	320.7	-281.7	0.0401	0.0171	0.0140	13.57	31.77	38.97	0.00	-0.41	-1.53	0.0
23929	146.6	380.8	-873.8	-175.5	528.6	-258.2	0.0401	0.0171	0.0140	16.13	37.77	46.33	0.00	-0.52	-1.76	0.0
23930	143.4	371.4	-870.4	-149.0	527.8	-259.2	0.0401	0.0171	0.0140	15.41	36.09	44.28	0.00	-0.47	-1.74	0.0
23931	150.0	399.4	-921.6	-183.1	608.4	249.3	0.0401	0.0171	0.0140	12.59	29.47	36.16	0.00	-0.13	-1.76	0.0
23932	158.5	390.6	-917.7	-162.1	606.0	246.9	0.0401	0.0171	0.0140	12.04	28.20	34.60	0.00	-0.09	-1.73	0.0
23933	421.9	416.7	-940.2	-195.1	593.4	236.8	0.0401	0.0171	0.0140	17.15	40.17	49.28	0.00	-0.26	-1.90	0.0
23934	437.5	406.7	-935.8	-181.1	590.3	235.7	0.0401	0.0171	0.0140	17.17	40.21	49.33	0.00	-0.26	-1.89	0.0
23999	777.2	429.8	-944.2	-190.1	526.5	210.9	0.0401	0.0171	0.0140	23.87	55.89	68.57	0.00	-0.52	-2.09	0.0
24000	788.0	420.1	-939.1	-180.8	523.4	211.4	0.0288	0.0171	0.0140	33.37	56.12	68.84	0.00	-0.53	-2.09	0.0
24001	1133.4	440.4	-941.2	-175.2	442.8	195.3	0.0288	0.0171	0.0140	43.27	72.77	89.27	0.00	-0.79	-2.31	0.0
24002	1135.7	430.7	-935.8	-167.0	440.4	197.0	0.0288	0.0171	0.0140	43.22	72.68	89.16	0.00	-0.80	-2.30	0.0
24003	1381.2	449.4	-935.3	-168.5	376.8	193.2	0.0288	0.0171	0.0140	50.68	85.21	104.54	0.00	-1.00	-2.49	0.0
24004	1375.6	438.9	-929.9	-158.6	375.1	195.3	0.0288	0.0171	0.0140	50.38	84.72	103.93	0.00	-1.00	-2.47	0.0
24005	1540.4	453.8	-928.7	-161.4	326.2	192.2	0.0288	0.0171	0.0140	55.52	93.35	114.52	0.00	-1.13	-2.60	0.0
24006	1528.6	442.7	-923.4	-149.1	325.0	194.4	0.0288	0.0171	0.0140	55.00	92.50	113.47	0.00	-1.12	-2.58	0.0
24007	1627.0	452.2	-923.9	-152.0	285.9	191.6	0.0288	0.0171	0.0140	58.07	97.65	119.80	0.00	-1.20	-2.66	0.0
24008	1610.5	441.1	-918.7	-136.8	285.2	193.4	0.0288	0.0171	0.0140	57.40	96.52	118.41	0.00	-1.19	-2.63	0.0
24009	1645.8	442.8	-917.3	-140.5	249.5	189.6	0.0288	0.0171	0.0140	58.39	98.19	120.46	0.00	-1.22	-2.65	0.0
24010	1626.2	432.3	-912.2	-122.5	249.0	193.3	0.0288	0.0171	0.0140	57.60	96.86	118.83	0.00	-1.21	-2.63	0.0
24011	1573.8	412.6	-960.3	-128.7	194.9	192.8	0.0288	0.0171	0.0140	55.54	93.40	114.57	0.00	-1.17	-2.60	0.0
24012	1551.8	404.3	-956.6	-107.2	194.9	183.7	0.0288	0.0171	0.0140	54.66	91.91	112.75	0.00	-1.15	-2.57	0.0
24013	1316.5	366.9	-892.9	-120.5	-303.8	-207.1	0.0288	0.0171	0.0140	47.43	79.76	97.84	0.00	-0.97	-2.34	0.0
24014	1291.1	365.5	-882.0	-98.8	-307.8	209.6	0.0288	0.0171	0.0140	46.88	78.84	96.71	0.00	-0.97	-2.30	0.0
24015	377.1	-179.7	-3562.6	-116.8	-1664.5	350.1	0.0288	0.0171	0.0057	35.77	60.16	182.10	0.00	-1.23	-5.22	0.0
24016	354.9	-172.3	-3651.2	-107.9	-1676.3	-562.6	0.0288	0.0171	0.0057	33.72	56.71	171.66	0.00	-1.07	-5.31	0.0
24017	-43.1	-394.2	-4733.6	-147.9	1022.0	-640.0	0.0288	0.0171	0.0057	10.15	17.08	51.69	0.00	-0.73	-5.32	0.0
24018	150.8	-176.4	-3796.7	-144.5	1528.9	-554.1	0.0288	0.0171	0.0057	27.18	45.71	138.36	0.00	-1.01	-5.16	0.0
24019	686.1	177.5	-2020.0	-177.6	997.0	-895.3	0.0288	0.0171	0.0045	43.06	72.41	277.60	0.00	-1.06	-3.82	0.0
24020	875.3	396.9	-1089.0	-181.4	492.7	-372.1	0.0288	0.0171	0.0045	38.08	64.03	245.48	0.00	-0.74	-2.37	0.0
24021	1188.6	472.1	-919.7	-182.8	313.7	216.5	0.0288	0.0171	0.0045	46.47	46.47	1.98	0.00	-0.27	-1.13	15.0
24022	1161.7	489.1	-1001.8	-169.2	331.9	-223.6	0.0288	0.0171	0.0045	47.60	56.00	56.00	0.00	-0.55	-1.38	15.0
24023	1309.1	522.3	-896.6	-142.6	234.3	-177.6	0.0288	0.0171	0.0045	49.92	55.29	55.27	0.00	-0.48	-1.22	15.0
24024	1283.4	530.8	-875.6	-119.2	229.3	196.3	0.0288	0.0171	0.0045	47.30	47.65	0.00	0.00	-0.24	-1.00	13.1
24025	1327.9	541.8	-870.3	-104.0	211.3	192.7	0.0288	0.0171	0.0045	48.19	55.47	0.00	0.00	-0.34	-1.00	14.9
24026	1306.8	537.6	-868.4	-77.3	212.8	192.4	0.0288	0.0171	0.0045	47.32	47.31	0.02	0.00	-0.22	-0.98	11.9
24027	1308.8	547.0	-862.0	-78.0	201.2	191.9	0.0288	0.0171	0.0045	47.23	47.23	1.80	0.00	-0.21	-0.98	11.5
24028	1293.6	537.4	-856.9	-48.0	202.2	194.0	0.0288	0.0171	0.0045	46.34	46.32	32.33	0.00	-0.21	-1.09	8.2
24029	1271.1	546.3	-855.0	-61.0	195.3	192.2	0.0288	0.0171	0.0045	45.72	50.57	0.00	0.00	-0.26	-0.96	12.3
24030	1259.8	533.6	-850.3	-27.5	196.3	193.6	0.0288	0.0171	0.0045	44.70	32.74	119.52	0.00	0.00	-1.44	2.8
24095	1212.2	527.7	-844.3	-13.2	191.5	193.7	0.0288	0.0171	0.0045	42.70	71.80	275.27	0.00	-0.68	-2.12	0.0
24096	1152.1	519.8	-839.1	-15.4	186.6	194.4	0.0288	0.0171	0.0045	40.60	68.27	261.73	0.00	-0.62	-2.05	0.0
24097	1076.2	509.4	-836.4	-19.9	-190.2	196.4	0.0288	0.0171	0.0045	38.11	64.08	245.66	0.00	-0.56	-1.98	0.0
24098	976.8	494.8	-831.4	26.9	-202.6	199.7	0.0288	0.0171	0.0045	34.69	58.34	223.64	0.00	-0.48	-1.88	0.0
24099	829.9	457.1	-877.7	48.8	-237.1	198.8	0.0288	0.0171	0.0045	29.98	50.41	193.25	0.00	-0.38	-1.80	0.0
24100	552.7	388.7	-803.1	79.0	-358.3	226.0	0.0288	0.0171	0.0057	22.35	37.59	113.79	0.00	-0.21	-1.58	0.0
24101	-321.3	-204.7	-3557.0	104.1	-1694.9	-214.1	0.0288	0.0171	0.0057	15.75	26.48	80.15	0.00	-0.70	-4.74	0.0
24102	-371.5	-236.9	-3473.4	134.7	1655.4	-415.3	0.0288	0.0171	0.0057	12.12	20.39	61.71	0.00	-0.54	-4.59	0.0
24103	418.7	269.2	-757.4	159.6	339.4	263.7	0.0288	0.0171	0.0022	25.68	42.48	42.48	0.00	-0.56	-1.07	9.9
24104	647.3	272.1	-898.3	158.6	280.8	239.7	0.0288	0.0171	0.0022	30.90	37.81	37.80	0.00	-0.48	-1.12	15.0
24105	726.4	295.9	-791.5	138.6	204.1	194.0	0.0288	0.0171	0.0022	30.75	37.43	37.42	0.00	-0.41	-0.97	15.0
24106	715.7	301.7	-785.0	127.4	-198.8	194.0	0.0288	0.0171	0.0022	27.90	29.91	0.00	0.00	-0.18	-0.91	15.0
24107	674.5	303.4	-775.3	125.8	-207.9	192.9	0.0288	0.0171	0.0022	26.30	32.30	0.00	0.00	-0.20	-0.91	11.5
24108	622.8	303.3	-767.7	130.5	-214.1	193.0	0.0288	0.0171	0.0022	24.95	30.03	0.00	0.00	-0.17	-0.90	12.7
24109	572.7	303.2	-758.8	139.9	-220.1	193.5	0.0288	0.0171	0.0022	23.86	28.52	28.49	0.00	-0.17	-0.95	15.0
24110	538.4	305.2	-747.9	159.8	-230.6	207.1	0.0288	0.0171	0.0022	23.45	29.23	29.22	0.00	-0.18	-0.96	15.0
24111	1220.9	542.6	-849.1	-50.5	190.8	192.3	0.0288	0.0171	0.0045	43.05	72.39	277.51	0.00	-0.67	-2.13	0.0
24112	1159.2	536.7	-843.9	-44.7	186.2	192.8	0.0288	0.0171	0.0045	40.88	68.74	263.53	0.00	-0.61	-2.07	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
24113	1083.0	528.6	-840.6	-41.8	-188.7	194.3	0.0288	0.0171	0.0045	38.46	64.68	247.95	0.00	-0.56	-1.99	0.0
24114	985.0	516.0	-835.7	-39.2	-201.2	195.2	0.0288	0.0171	0.0045	35.22	59.23	227.06	0.00	-0.48	-1.90	0.0
24115	839.4	481.3	-879.2	48.8	-235.6	201.7	0.0288	0.0171	0.0045	30.29	50.93	195.25	0.00	-0.36	-1.81	0.0
24116	558.8	421.4	-813.9	65.1	-360.1	189.7	0.0288	0.0171	0.0057	22.54	37.90	114.71	0.00	-0.20	-1.58	0.0
24117	-300.7	-146.3	-3513.2	93.7	-1643.6	522.9	0.0288	0.0171	0.0057	14.51	24.41	73.88	0.00	-0.53	-4.69	0.0
24118	-341.9	-167.9	-3493.0	125.7	1638.3	367.4	0.0288	0.0171	0.0057	16.15	27.15	82.19	0.00	-0.72	-4.68	0.0
24119	441.4	337.5	-792.1	151.0	337.9	196.2	0.0288	0.0171	0.0022	28.51	34.43	34.43	0.00	-0.44	-1.06	15.0
24120	655.2	336.4	-863.9	148.3	244.6	217.5	0.0288	0.0171	0.0022	30.28	38.38	38.36	0.00	-0.42	-1.06	15.0
24121	720.6	340.6	-799.3	133.6	203.4	196.2	0.0288	0.0171	0.0022	30.62	38.67	38.62	0.00	-0.39	-0.98	15.0
24122	712.8	337.3	-789.0	123.3	-199.7	191.8	0.0288	0.0171	0.0022	27.23	37.90	0.00	0.00	-0.25	-0.92	12.6
24123	673.7	332.8	-780.1	121.4	-208.5	191.4	0.0288	0.0171	0.0022	26.47	30.94	0.00	0.00	-0.16	-0.90	13.5
24124	623.2	327.8	-772.3	125.3	-214.7	191.3	0.0288	0.0171	0.0022	25.07	29.45	28.94	0.00	-0.16	-0.96	15.0
24125	573.8	323.5	-763.2	133.9	-220.8	192.1	0.0288	0.0171	0.0022	23.39	31.69	0.00	0.00	-0.18	-0.90	11.4
24126	540.0	324.0	-752.0	152.6	-231.6	206.2	0.0288	0.0171	0.0022	23.20	30.39	0.00	0.00	-0.16	-0.91	13.9
24135	3.8	186.4	-555.5	25.1	-41.4	-155.6	0.0081	0.0170	0.0127	27.52	13.09	17.52	0.00	-0.22	-0.81	0.0
24136	5.4	187.1	-552.7	30.5	-45.2	-154.2	0.0082	0.0169	0.0127	27.37	13.27	17.70	0.00	-0.22	-0.81	0.0
24145	18.1	215.4	-632.6	30.5	-33.5	-180.8	0.0081	0.0170	0.0127	31.88	15.16	20.30	0.00	-0.24	-0.93	0.0
24146	18.6	211.7	-630.0	27.7	-39.7	-180.2	0.0082	0.0169	0.0127	30.90	14.98	19.98	0.00	-0.24	-0.92	0.0
24147	494.4	323.3	-744.0	154.7	-243.6	232.3	0.0288	0.0171	0.0022	20.61	34.66	265.73	0.00	-0.27	-1.44	0.0
24148	493.0	306.5	-740.5	163.8	-242.3	232.3	0.0288	0.0171	0.0022	20.70	34.81	266.92	0.00	-0.29	-1.44	0.0
24149	423.0	316.7	-742.2	133.8	260.1	246.5	0.0288	0.0171	0.0022	21.08	35.44	271.75	0.00	-0.38	-1.44	0.0
24150	422.4	305.1	-738.8	144.8	258.6	246.0	0.0288	0.0171	0.0022	21.25	35.74	274.03	0.00	-0.40	-1.45	0.0
24151	366.5	313.0	-742.4	121.6	274.0	248.8	0.0288	0.0171	0.0022	19.74	33.19	254.45	0.00	-0.35	-1.42	0.0
24152	366.7	304.0	-739.0	133.3	272.3	248.0	0.0288	0.0171	0.0022	19.97	33.58	257.45	0.00	-0.38	-1.42	0.0
24153	312.0	311.3	-751.7	114.7	269.1	-253.9	0.0288	0.0171	0.0022	14.81	24.91	190.95	0.00	-0.10	-1.31	0.0
24154	314.9	300.9	-748.4	126.2	268.5	252.4	0.0288	0.0171	0.0022	18.74	31.51	241.60	0.00	-0.36	-1.39	0.0
24155	220.4	339.7	-764.0	122.3	182.7	308.9	0.0288	0.0171	0.0022	17.94	30.16	231.24	0.00	-0.37	-1.38	0.0
24156	226.2	332.9	-761.8	142.3	182.4	-306.3	0.0288	0.0171	0.0022	15.83	26.62	204.07	0.00	-0.23	-1.34	0.0
24173	2424.1	1140.4	1084.9	-233.7	1820.2	-506.4	0.0212	0.0274	0.0244	178.82	137.82	154.78	0.00	-2.67	-4.03	0.0
24174	2368.4	1152.1	1109.9	-181.5	1762.1	-504.8	0.0206	0.0277	0.0244	178.98	133.01	150.88	0.00	-2.54	-3.89	0.0
24175	2346.9	1117.8	1162.1	-167.8	1730.5	-505.1	0.0201	0.0280	0.0244	181.64	130.83	149.66	0.00	-2.53	-3.81	0.0
24176	2362.8	1051.3	1292.7	-148.9	1746.7	-463.4	0.0198	0.0281	0.0244	187.99	131.96	151.97	0.00	-2.65	-3.79	0.0
24193	7.7	558.0	-492.7	-281.6	143.6	-418.6	0.0212	0.0161	0.0244	38.99	51.11	33.75	0.00	-0.93	-1.47	0.0
24194	1.4	547.8	-482.0	-223.8	131.1	-427.7	0.0206	0.0164	0.0244	38.13	47.86	32.14	0.00	-0.86	-1.43	0.0
24195	-1.1	503.0	-463.0	-168.7	102.8	-404.8	0.0201	0.0166	0.0244	34.94	42.27	28.79	0.00	-0.76	-1.32	0.0
24196	-2.3	443.3	-428.3	-123.9	-77.9	-360.2	0.0198	0.0168	0.0244	29.71	34.87	24.02	0.00	-0.58	-1.17	0.0
24197	608.9	391.8	-860.3	-459.6	495.9	209.2	0.0288	0.0171	0.0140	35.18	59.16	72.57	0.00	-0.79	-2.10	0.0
24198	574.1	402.4	-883.0	-369.7	499.8	205.1	0.0401	0.0171	0.0140	22.78	53.34	65.43	0.00	-0.63	-2.02	0.0
24199	529.2	404.8	-905.0	-287.3	513.1	209.0	0.0401	0.0171	0.0140	20.30	47.53	58.31	0.00	-0.47	-1.94	0.0
24200	477.8	404.7	-924.7	-210.5	546.2	222.4	0.0401	0.0171	0.0140	18.04	42.25	51.82	0.00	-0.33	-1.89	0.0
24201	360.3	382.8	-847.3	-440.3	523.1	-221.9	0.0401	0.0171	0.0140	24.12	56.48	69.28	0.00	-0.99	-2.01	0.0
24202	307.8	392.7	-867.5	-353.1	519.4	-210.2	0.0401	0.0171	0.0140	21.39	50.10	61.46	0.00	-0.82	-1.93	0.0
24203	251.6	391.8	-888.4	-271.4	527.1	213.7	0.0401	0.0171	0.0140	15.60	36.53	44.81	0.00	-0.34	-1.78	0.0
24204	194.4	390.2	-907.3	-192.5	559.6	230.7	0.0401	0.0171	0.0140	13.04	30.53	37.45	0.00	-0.17	-1.72	0.0
24205	140.6	374.4	-812.2	-407.5	473.5	-242.9	0.0401	0.0171	0.0140	20.60	48.24	59.17	0.00	-0.94	-1.84	0.0
24206	118.0	379.9	-827.4	-326.4	453.1	-233.4	0.0401	0.0171	0.0140	18.32	42.89	52.62	0.00	-0.78	-1.75	0.0
24207	116.2	373.2	-845.6	-247.4	452.4	-234.8	0.0401	0.0171	0.0140	16.42	38.45	47.17	0.00	-0.64	-1.70	0.0
24208	130.4	371.0	-861.5	-173.7	482.2	-247.3	0.0401	0.0171	0.0140	15.27	35.75	43.86	0.00	-0.51	-1.69	0.0
24209	147.6	371.3	-808.6	-349.9	295.6	-271.9	0.0401	0.0171	0.0140	18.16	42.52	52.16	0.00	-0.83	-1.64	0.0
24210	139.0	359.0	-820.9	-274.0	259.1	-266.6	0.0401	0.0171	0.0140	15.87	37.16	45.59	0.00	-0.68	-1.55	0.0
24211	148.4	344.7	-836.0	-205.8	250.9	-266.3	0.0401	0.0171	0.0140	14.14	33.10	40.61	0.00	-0.54	-1.50	0.0
24212	172.9	348.9	-849.1	-148.9	276.3	-274.7	0.0401	0.0171	0.0140	13.40	31.37	38.48	0.00	-0.44	-1.50	0.0
24213	118.0	420.6	-833.6	-245.8	143.5	-315.9	0.0401	0.0171	0.0140	15.93	37.32	45.78	0.00	-0.66	-1.55	0.0
24214	106.5	390.0	-852.1	-190.5	-117.2	-309.2	0.0401	0.0171	0.0140	13.10	30.67	37.62	0.00	-0.46	-1.47	0.0
24215	109.8	347.7	-861.4	-158.5	-108.6	-309.0	0.0401	0.0171	0.0140	11.72	27.44	33.66	0.00	-0.39	-1.43	0.0
24216	128.7	338.0	-861.1	-137.9	-119.6	-322.2	0.0401	0.0171	0.0140	11.33	26.53	32.54	0.00	-0.34	-1.42	0.0
24345	1241.6	516.5	-841.0	-28.6	168.7	187.5	0.0288	0.0171	0.0045	44.00	32.01	59.61	0.00	0.00	-1.16	4.4
24346	1269.4	522.9	-848.2	-48.6	175.4	188.3	0.0288	0.0171	0.0045	45.35	45.35	0.04	0.00	-0.20	-0.94	10.6
24347	1274.0	528.3	-858.2	-76.9	185.4	189.6	0.0288	0.0171	0.0045	45.83	45.83	0.00	0.00	-0.20	-0.96	11.2
24348	1238.3	530.9	-877.0	-118.3	209.0	190.0	0.0288	0.0171	0.0045	45.22	55.02	0.00	0.00	-0.35	-1.00	14.9
24349	1131.5	518.2	-942.6	-171.4	255.6	-173.0	0.0288	0.0171	0.0045	42.21	70.97	272.08	0.00	-0.74	-2.20	0.0
24350	902.5	473.4	-991.6	-211.7	380.8	-208.0	0.0288	0.0171	0.0045	37.47	63.01	241.56	0.00	-0.69	-2.16	0.0
24351	320.6	26.8	-3042.7	-201.9	1280.3	-316.1	0.0288	0.0171	0.0057	29.75	50.03	151.46	0.00	-0.92	-4.35	0.0
24352	467.3	-18.9	-3014.9	-157.0	-1283.7	-496.3	0.0288	0.0171	0.0057	30.88	51.92	157.18	0.00	-0.83	-4.40	0.0
24353	1244.4	368.8	-949.7	-122.8	-317.0	-193.0	0.0288	0.0171	0.0140	45.10	75.85	93.04	0.00	-0.91	-2.32	0.0
24354	1512.3	403.5	-934.4	-125.4	167.2	183.7	0.0288	0.0171	0.0140	53.29	89.62	109.94	0.00	-1.12	-2.51	0.0
24355	1589.2	425.5	-903.5	-143.5	218.6	186.1	0.0288	0.0171	0.0140	56.31	94.68	116.15	0.00	-1.18	-2.57	0.0
24356	1578.5	432.6	-907.3	-162.4	254.5	188.3	0.0288	0.0171	0.0140	56.30	94.67	116.14	0.00	-1.18	-2.58	0.0
24357	1504.4	433.6	-912.3	-179.0	293.3	189.0	0.0288	0.0171	0.0140	54.20	91.14	111.81	0.00	-1.12	-2.54	0.0
24358	1362.7	430.2	-918.6	-191.9	342.2	189.6	0.0288	0.0171	0.0140	49.98	84.04	103.10	0.00	-1.00	-2.44	0.0
24359	1138.4	423.9	-924.4	-201.4	405.7	191.1	0.0288	0.0171	0.0140	43.33	72.87	89.39	0.00	-0.82	-2.28	0.0
24360	813.6	415.8	-927.8	-212.1	484.3	203.0	0.0288	0.0171	0.0140	34.15	57.42	70.44	0.00	-0.57	-2.08	0.0
24361	1216.2	484.1	-824.9	-49.7	151.9	182.4	0.0288	0.0171	0.0045	42.68	71.76	275.12	0.00	-0.72	-2.09	0.0
24362	1237.3	491.5	-832.7	-67.9	160.3	184.7	0.0288	0.0171	0.0045	44.17	44.15	4.47	0.00	-0.21	-0.94	10.5
24363	1230.7	498.5	-845.3	-92.1	173.2	189.9	0.0288	0.0171	0.0045	44.41	44.40	0.14	0.00	-0.21	-0.94	11.8
24364	1180.0	506.4	-863.4	-128.3	195.5	196.0	0.0288	0.0171	0.0045	42.21	70.98	272.12	0.00	-0.70	-2.13	0.0
24365	1057.7	496.0	-960.1	-184.2	259.1	242.5	0.0288	0.0171	0.0045	39.20	65.92	252.70	0.00	-0.63	-2.17	0.0
24366	864.5	466.1	-931.6	-260.8	307.6	224.7	0.0288	0.0171	0.0045	35.10	59.02	226.27	0.00	-0.59	-2.04	0.0
24367	394.3	85.9	-2651.9	-301.9	1114.0	307.7	0.0288	0.0171	0.0057	28.18	47.38	143.42	0.00	-0.73	-3.87	0.0
24368	531.4	36.8	-2704.8	-257.6	-1115.6	-251.1	0.0288	0.0171	0.0057	31.71	53.31	161.39	0.00	-0.88	-4.00	0.0
24369	1208.5	368.8	-935.4	-195.0	-286.7	-196.4	0.0288	0.0171	0.0140	44.37	74.61	91.52	0.00	-0.91	-2.29	0.0
24370	1452.8	400.5	-915.8	-181.3	-149.9	171.8	0.0288	0.0171	0.0140	51.94	87.34	107.15	0.00	-1.11	-2.44	0.0
24371	1529.4	419.9	-885.1	-200.5	199.7	182.7	0.0288	0.0171	0.0140	54.71	92.00	112.86	0.00	-1.16	-2.51	0.0
24372	1524.6	425.7	-888.6	-225.8	234.0	185.0	0.0288	0.0171	0.0140	55.01	92.51	113.49	0.00	-1.17	-2.53	0.0
24373	1461.1	425.9	-893.3	-249.5	271.1	185.7	0.0288	0.0171	0.0140	53.43	89.85	110.22	0.00	-1.13	-2.50	0.0
24374	1336.1	422.9	-899.4	-268.6	317.7	185.6	0.0288	0.0171	0.0140	49.94	83.98	103.02	0.00	-1.04	-2.42	0.0
24375	1135.5	418.5	-904.9	-281.6	378.3	186.1	0.0288	0.0171	0.0140	44.27	74.44	91.32	0.00	-0.89	-2.29	0.0
24376	842.2	413.5	-908.2	-290.2	452.9	194.9	0.0288	0.0171	0.0140	36.29	61.02	74.86	0.00	-0.68	-2.11	0.0
24377	1186.9	449.6	-807.1	-66.8	154.7	185.6	0.0288	0.0171	0.0045	41.75	70.21	269.14	0.00	-0.73	-2.05	0.0
24378	1203.8	453.1	-815.0	-85.1	164.2	187.8	0.0288	0.0171	0.0045	42.48	71.43	273.84	0.00	-0.75	-2.08	0.0
24379	1188.1	450.0	-834.4	-105.2	186.9	201.5	0.0288	0.0171	0.0045	42.19	70.95	271.98	0.00	-0.74	-2.10	0.0
24380	1114.8	439.7	-874.3	-135.7	220.5	232.7	0.0288	0.0171	0.0045	40.15	67.52	258.83	0.00	-0.69	-2.10	0.0
24381	953.3	407.4	-953.7	-201.0	300.6	273.6	0.0288	0.0171	0.0045	36.16	60.80	233.08	0.00	-0.61	-2.10	0.0
24382	593.1	190.3	-1786.5	-320.2	722.9	787.5	0.0288	0.0171	0.0057	28.47	47.87	144.92	0.00	-0.36	-3.10	0.0
24383	185.2	-193.9	-3587.3	-381.0	634.2	789.2	0.0288	0.0171	0.0057	14.81	24.90	75.38	0.00	-0.57	-4.31	0.0
24384	541.0	-29.9	-2717.7	-330.7	-1173.4	-287.2	0.0288	0.0171	0.0057	33.77	56.78	171.88	0.00	-1.01	-4.11	0.0
24385	1190.3	356.4	-876.2	-248.8	-246.7	-201.8	0.0288	0.0171	0.0057	44.27	74.44	225.35	0.00	-0.93	-2.22	0.0
24386	1387.7	397.5	-894.6	-231.1	155.6	176.2	0.0288	0.0171	0.0140	50.15	84.34	103.46	0.00	-1.07	-2.38	0.0
24387	1455.4	418.9	-864.0	-252.8	201.6	188.0	0.0288	0.0171	0.0140	52.91	88.97	109.14	0.00	-1.12	-2.44	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
24388	1454.3	424.1	-867.2	-284.2	233.6	192.2	0.0288	0.0171	0.0140	53.50	89.96	110.36	0.00	-1.14	-2.47	0.0
24389	1401.5	422.2	-871.5	-315.6	268.0	192.6	0.0288	0.0171	0.0140	52.49	88.27	108.29	0.00	-1.13	-2.45	0.0
24390	1293.8	416.9	-877.3	-342.8	311.3	191.2	0.0288	0.0171	0.0140	49.85	83.83	102.84	0.00	-1.08	-2.40	0.0
24391	1118.8	411.8	-882.7	-362.6	367.7	189.6	0.0288	0.0171	0.0140	45.32	76.21	93.49	0.00	-0.97	-2.30	0.0
24392	859.1	408.5	-885.9	-373.4	438.5	195.0	0.0288	0.0171	0.0140	38.69	65.06	79.81	0.00	-0.80	-2.16	0.0
24393	1150.6	412.3	-788.6	-87.4	176.9	195.8	0.0288	0.0171	0.0045	40.73	68.49	262.56	0.00	-0.73	-2.01	0.0
24394	1165.0	407.9	-799.7	-111.3	188.6	200.5	0.0288	0.0171	0.0045	41.45	69.70	267.21	0.00	-0.76	-2.05	0.0
24395	1146.6	387.3	-811.2	-134.6	209.9	204.2	0.0288	0.0171	0.0045	41.15	69.19	265.26	0.00	-0.78	-2.06	0.0
24396	1032.1	323.4	-952.3	-166.1	330.9	299.1	0.0288	0.0171	0.0045	38.34	64.47	247.14	0.00	-0.73	-2.18	0.0
24397	776.7	202.3	-1122.3	-251.7	467.4	515.0	0.0288	0.0171	0.0045	31.75	53.39	204.69	0.00	-0.55	-2.34	0.0
24398	174.5	-267.2	-3234.9	-382.6	1267.6	773.6	0.0288	0.0171	0.0057	21.33	35.87	108.58	0.00	-0.70	-4.47	0.0
24399	70.2	-395.8	-3937.7	-430.4	-891.9	-492.8	0.0288	0.0171	0.0057	13.89	23.35	70.69	0.00	-0.85	-4.61	0.0
24400	724.6	77.6	-1771.1	-362.0	-737.8	-728.8	0.0288	0.0171	0.0057	33.44	56.23	170.23	0.00	-0.65	-3.21	0.0
24401	1154.0	333.9	-924.4	-281.2	-262.8	-196.0	0.0288	0.0171	0.0022	45.81	52.57	90.65	0.00	-0.57	-1.29	15.0
24402	1312.3	397.4	-855.9	-276.1	186.6	189.5	0.0288	0.0171	0.0140	48.49	81.54	100.03	0.00	-1.03	-2.30	0.0
24403	1366.8	421.9	-842.9	-306.1	224.6	204.4	0.0288	0.0171	0.0140	50.98	85.72	105.16	0.00	-1.08	-2.38	0.0
24404	1367.8	429.6	-843.1	-344.3	253.1	210.4	0.0288	0.0171	0.0140	51.87	87.23	107.01	0.00	-1.12	-2.41	0.0
24405	1325.7	425.5	-847.2	-382.8	283.6	211.1	0.0288	0.0171	0.0140	51.49	86.58	106.21	0.00	-1.13	-2.42	0.0
24406	1236.0	414.3	-852.7	-417.5	321.9	207.5	0.0288	0.0171	0.0140	49.72	83.62	102.58	0.00	-1.11	-2.39	0.0
24407	1086.5	403.5	-858.4	-444.9	371.7	202.1	0.0288	0.0171	0.0140	46.33	77.90	95.56	0.00	-1.05	-2.32	0.0
24408	861.1	398.0	-862.2	-461.0	435.7	203.0	0.0288	0.0171	0.0140	41.05	69.03	84.68	0.00	-0.93	-2.22	0.0
24537	528.0	296.3	-739.7	163.2	-204.0	199.2	0.0288	0.0171	0.0022	21.50	36.15	277.14	0.00	-0.34	-1.44	0.0
24538	569.4	291.8	-749.8	143.6	-196.3	187.7	0.0288	0.0171	0.0022	23.60	28.49	28.48	0.00	-0.19	-0.93	15.0
24539	621.4	289.4	-758.4	132.4	-190.9	187.1	0.0288	0.0171	0.0022	24.70	29.72	0.00	0.00	-0.19	-0.88	13.4
24540	675.0	286.3	-766.3	126.0	-184.9	187.2	0.0288	0.0171	0.0022	26.25	29.82	0.00	0.00	-0.19	-0.88	13.6
24541	719.4	278.8	-774.0	125.6	-175.6	187.7	0.0288	0.0171	0.0022	27.34	33.23	0.00	0.00	-0.24	-0.89	12.0
24542	734.2	258.8	-795.1	135.0	177.9	190.5	0.0288	0.0171	0.0022	30.20	35.25	35.18	0.00	-0.40	-0.96	15.0
24543	650.5	215.4	-823.5	155.7	255.7	195.5	0.0288	0.0171	0.0022	29.79	34.38	34.38	0.00	-0.47	-1.02	15.0
24544	208.4	3.7	-1695.9	161.8	830.7	631.6	0.0288	0.0171	0.0022	37.08	38.99	38.99	0.00	-0.90	-2.40	13.2
24545	-462.1	-380.4	-3779.9	163.2	832.7	461.3	0.0288	0.0171	0.0057				-0.03	-0.57	-4.02	
24546	-220.9	-138.4	-2936.4	145.7	-1370.5	-222.2	0.0288	0.0171	0.0057	15.13	25.44	77.00	0.00	-0.65	-3.95	0.0
24547	521.0	352.3	-880.7	107.5	-354.8	203.2	0.0288	0.0171	0.0057	21.51	36.18	109.51	0.00	-0.24	-1.62	0.0
24548	804.7	428.5	-862.4	57.1	-216.5	205.6	0.0288	0.0171	0.0045	28.98	48.74	186.83	0.00	-0.38	-1.76	0.0
24549	960.7	464.7	-830.7	27.1	-189.0	199.9	0.0288	0.0171	0.0045	34.04	57.24	219.44	0.00	-0.49	-1.86	0.0
24550	1065.5	483.7	-827.8	-23.1	-170.3	191.1	0.0288	0.0171	0.0045	37.61	63.25	242.48	0.00	-0.58	-1.95	0.0
24551	1140.6	497.7	-830.3	-18.5	-159.5	188.4	0.0288	0.0171	0.0045	40.11	67.44	258.55	0.00	-0.63	-2.02	0.0
24552	1198.0	508.4	-835.0	-16.3	163.3	187.4	0.0288	0.0171	0.0045	42.04	70.70	271.04	0.00	-0.68	-2.08	0.0
24553	518.1	288.1	-724.7	157.2	-186.9	192.7	0.0288	0.0171	0.0022	20.95	35.22	270.05	0.00	-0.33	-1.40	0.0
24554	564.2	284.3	-734.2	138.1	-181.1	183.7	0.0288	0.0171	0.0022	23.13	27.96	27.95	0.00	-0.19	-0.90	15.0
24555	618.3	282.8	-742.5	124.5	-176.3	183.3	0.0288	0.0171	0.0022	24.23	29.26	0.00	0.00	-0.19	-0.86	13.2
24556	673.6	279.6	-750.6	114.6	-170.4	183.5	0.0288	0.0171	0.0022	25.55	32.02	0.00	0.00	-0.22	-0.86	11.5
24557	720.8	267.9	-756.6	108.9	-161.1	183.6	0.0288	0.0171	0.0022	26.74	36.97	0.00	0.00	-0.30	-0.87	13.6
24558	737.6	233.4	-792.3	108.1	164.6	182.9	0.0288	0.0171	0.0022	29.19	32.47	32.46	0.00	-0.35	-0.94	15.0
24559	650.5	172.4	-741.2	119.7	239.5	190.4	0.0288	0.0171	0.0022	28.26	32.10	32.09	0.00	-0.42	-0.93	15.0
24560	16.5	-248.4	-2640.9	158.9	1297.8	-299.2	0.0288	0.0171	0.0022	18.98	31.92	244.73	0.00	-0.76	-3.75	0.0
24561	-582.1	-576.9	-4430.5	216.6	171.2	210.3	0.0288	0.0171	0.0057				-0.35	-0.80	-4.45	
24562	-170.3	-137.0	-2513.9	216.3	-1153.9	317.9	0.0288	0.0171	0.0057	11.04	18.56	56.18	0.00	-0.42	-3.35	0.0
24563	459.3	282.5	-891.7	135.9	-313.9	246.4	0.0288	0.0171	0.0045	19.32	32.50	124.58	0.00	-0.25	-1.57	0.0
24564	749.7	355.8	-907.6	57.0	-259.4	261.2	0.0288	0.0171	0.0045	27.43	46.13	176.83	0.00	-0.38	-1.79	0.0
24565	940.1	408.9	-820.0	-26.2	-185.4	198.6	0.0288	0.0171	0.0045	33.45	56.25	215.63	0.00	-0.53	-1.83	0.0
24566	1051.0	437.9	-814.4	-27.4	-159.9	187.8	0.0288	0.0171	0.0045	37.07	62.33	238.95	0.00	-0.61	-1.92	0.0
24567	1124.3	458.7	-814.7	-28.6	-147.1	183.7	0.0288	0.0171	0.0045	39.51	66.44	254.71	0.00	-0.66	-1.99	0.0
24568	1177.6	473.7	-819.1	-36.1	145.8	182.3	0.0288	0.0171	0.0045	41.28	69.41	266.09	0.00	-0.69	-2.04	0.0
24569	511.9	287.5	-707.8	153.7	-188.0	196.0	0.0288	0.0171	0.0022	20.67	34.77	266.56	0.00	-0.32	-1.38	0.0
24570	557.9	287.3	-716.8	133.5	-182.6	189.0	0.0288	0.0171	0.0022	21.55	36.24	277.85	0.00	-0.33	-1.40	0.0
24571	612.0	290.6	-724.8	117.5	-177.9	189.5	0.0288	0.0171	0.0022	23.90	28.84	0.00	0.00	-0.16	-0.84	13.2
24572	667.5	290.7	-732.2	104.4	-171.9	190.1	0.0288	0.0171	0.0022	25.52	27.51	0.00	0.00	-0.14	-0.84	14.8
24573	714.5	278.6	-741.1	92.7	-161.9	189.0	0.0288	0.0171	0.0022	26.73	26.72	3.24	0.00	-0.14	-0.85	14.0
24574	728.8	243.6	-762.1	81.0	171.5	184.9	0.0288	0.0171	0.0022	28.41	31.92	31.92	0.00	-0.31	-0.92	15.0
24575	633.2	170.2	-833.0	84.4	285.6	-191.9	0.0288	0.0171	0.0022	25.28	25.28	20.11	0.00	-0.21	-1.03	8.6
24576	218.5	-84.5	-1748.8	158.2	791.7	-776.9	0.0288	0.0171	0.0022	18.38	30.91	236.97	0.00	-0.37	-2.84	0.0
24577	-372.4	-454.7	-3475.6	265.6	703.4	-710.8	0.0288	0.0171	0.0057				-0.14	-0.36	-3.80	
24578	-400.1	-429.5	-3507.3	280.1	-657.0	828.8	0.0288	0.0171	0.0057				-0.13	-0.35	-3.86	
24579	188.8	-18.4	-1813.1	178.2	-801.2	857.6	0.0288	0.0171	0.0057	18.16	30.53	92.43	0.00	-0.28	-2.93	0.0
24580	691.9	256.6	-897.1	79.3	-315.0	261.1	0.0288	0.0171	0.0045	26.17	44.01	168.73	0.00	-0.44	-1.77	0.0
24581	917.1	341.6	-821.2	44.3	-199.6	210.8	0.0288	0.0171	0.0045	32.65	54.91	210.49	0.00	-0.56	-1.82	0.0
24582	1032.9	389.6	-799.2	32.3	-166.3	193.8	0.0288	0.0171	0.0045	36.39	61.19	234.60	0.00	-0.63	-1.89	0.0
24583	1103.7	419.7	-797.9	-38.5	-150.0	187.2	0.0288	0.0171	0.0045	38.87	65.36	250.58	0.00	-0.68	-1.96	0.0
24584	1152.7	438.9	-801.3	-50.5	147.8	185.3	0.0288	0.0171	0.0045	40.47	68.05	260.89	0.00	-0.70	-2.01	0.0
24585	503.7	290.8	-690.2	150.5	-205.1	207.7	0.0288	0.0171	0.0022	20.43	34.36	263.46	0.00	-0.30	-1.36	0.0
24586	546.7	297.1	-698.6	129.2	-199.6	203.6	0.0288	0.0171	0.0022	21.22	35.69	273.63	0.00	-0.30	-1.39	0.0
24587	599.9	309.1	-705.7	112.2	-194.9	206.5	0.0288	0.0171	0.0022	23.57	28.61	0.00	0.00	-0.12	-0.84	13.1
24588	655.7	315.8	-712.4	97.8	-188.7	207.7	0.0288	0.0171	0.0022	25.12	27.97	0.00	0.00	-0.10	-0.84	13.7
24589	701.7	306.2	-722.0	-89.2	-178.4	204.3	0.0288	0.0171	0.0022	28.19	35.91	35.91	0.00	-0.32	-0.90	15.0
24590	713.9	275.8	-738.9	-105.7	200.7	189.7	0.0288	0.0171	0.0022	27.24	29.53	0.00	0.00	-0.17	-0.86	11.3
24591	645.2	212.0	-841.7	-96.3	274.3	-252.8	0.0288	0.0171	0.0022	28.47	34.97	34.97	0.00	-0.40	-1.08	15.0
24592	463.3	119.5	-824.8	138.5	335.2	-251.9	0.0288	0.0171	0.0022	19.43	32.67	250.52	0.00	-0.38	-1.54	0.0
24593	-195.3	-385.5	-2842.0	255.8	1449.4	-192.7	0.0288	0.0171	0.0057	16.43	27.62	83.61	0.00	-0.86	-3.98	0.0
24594	-734.0	-863.8	-5102.4	310.4	221.9	577.5	0.0288	0.0171	0.0057				-0.42	-1.09	-5.19	
24595	-145.1	-414.8	-3067.5	244.2	-1483.8	649.8	0.0288	0.0171	0.0057	16.56	27.85	84.31	0.00	-0.75	-4.31	0.0
24596	620.5	135.2	-894.5	142.8	-386.3	329.4	0.0288	0.0171	0.0045	25.03	42.08	161.33	0.00	-0.49	-1.81	0.0
24597	879.9	263.6	-840.6	88.9	-244.1	238.3	0.0288	0.0171	0.0045	31.90	53.64	205.62	0.00	-0.61	-1.85	0.0
24598	1006.1	338.4	-785.7	65.1	-189.5	207.1	0.0288	0.0171	0.0045	35.71	60.06	230.23	0.00	-0.65	-1.87	0.0
24599	1075.4	379.3	-781.1	51.3	-167.8	198.1	0.0288	0.0171	0.0045	37.92	63.76	244.42	0.00	-0.68	-1.92	0.0
24600	1120.1	402.7	-783.4	-64.5	168.5	195.6	0.0288	0.0171	0.0045	39.51	66.44	254.69	0.00	-0.71	-1.97	0.0
24601	7.3	184.8	-551.2	36.8	-51.0	-154.3	0.0084	0.0168	0.0127	26.72	13.41	17.76	0.00	-0.23	-0.81	0.0
24606	11.4	184.0	-551.1	46.0	-57.8	-154.7	0.0088	0.0166	0.0127	26.07	13.82	18.10	0.00	-0.23	-0.82	0.0
24611	16.9	187.2	-549.5	56.0	-64.1	-149.6	0.0093	0.0164	0.0127	25.53	14.46	18.67	0.00	-0.24	-0.82	0.0
24616	23.0	188.4	-547.4	66.0	-69.6	-140.1	0.0098	0.0161	0.0127	24.60	15.00	19.05	0.00	-0.24	-0.82	0.0
24621	15.3	204.7	-635.6	41.0	-45.4	-192.3	0.0084	0.0168	0.0127	30.42	15.26	20.21	0.00	-0.25	-0.94	0.0
24626	17.1	200.1	-640.9	53.1	-53.1	-194.0	0.0088	0.0166	0.0127	29.39	15.58	20.41	0.00	-0.26	-0.95	0.0
24631	20.3	198.7	-636.8	60.5	-59.7	-184.8	0.0093	0.0164	0.0127	27.92	15.81	20.41	0.00	-0.26	-0.94	0.0
24636	25.9	211.3	-627.2	73.9	-65.8	168.8	0.0098	0.0161	0.0127	26.41	16.11	20.45	0.00	-0.24	-0.93	0.0
24641	187.4	302.8	-757.1	140.2	140.7	-285.1	0.0288	0.0171	0.0022	14.69	24.71	189.43	0.00	-0.26	-1.28	0.0
24642	293.7	304.8	-740.3	142.2	218.3	238.8	0.0288	0.0171	0.0022	18.20	30.61	234.69	0.00	-0.37	-1.35	0.0
24643	355.4	303.5	-730.9	145.9	225.7	234.3	0.0288	0.0171	0.0022	19.41	32.63	250.21	0.00	-0.38	-1.37	0.0
24644	413.7	302.8	-730.5	154.5	214.6	232.2	0.0288	0.0171	0.0022	20.66	34.74	266.37	0.00	-0.40	-1.40	0.0
24645	479.5	300.8	-732.6	168.5	-211.3	220.3	0.0288	0.0171	0.0022	20.31	34.16	261.88	0.00	-0.30	-1.41	0.0
24646	165.5	255.4	-746.8	122.5	121.6	-257.6	0.0288	0.0171	0.0022	12.61	21.21	162.63	0.00	-0.22	-1.19	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
24647	269.1	289.4	-725.3	131.9	184.4	224.0	0.0288	0.0171	0.0022	16.70	28.09	215.37	0.00	-0.33	-1.28	0.0
24648	340.5	293.5	-715.7	141.3	194.2	220.4	0.0288	0.0171	0.0022	18.35	30.85	236.55	0.00	-0.35	-1.31	0.0
24649	403.0	291.4	-715.3	151.1	-190.9	218.5	0.0288	0.0171	0.0022	17.68	29.73	227.97	0.00	-0.24	-1.31	0.0
24650	467.5	290.7	-717.8	162.7	-191.6	209.2	0.0288	0.0171	0.0022	19.70	33.12	253.96	0.00	-0.30	-1.37	0.0
24651	165.1	246.4	-733.4	123.1	127.5	251.6	0.0288	0.0171	0.0022	14.03	23.59	180.85	0.00	-0.33	-1.21	0.0
24652	265.0	290.0	-707.9	135.0	183.4	220.8	0.0288	0.0171	0.0022	16.74	28.15	215.84	0.00	-0.34	-1.26	0.0
24653	338.5	291.3	-698.2	145.9	194.3	217.4	0.0288	0.0171	0.0022	18.43	30.99	237.59	0.00	-0.36	-1.30	0.0
24654	400.3	285.7	-698.2	153.4	-191.3	216.5	0.0288	0.0171	0.0022	17.63	29.65	227.35	0.00	-0.24	-1.29	0.0
24655	462.3	286.8	-701.0	161.2	-192.4	209.3	0.0288	0.0171	0.0022	19.49	32.77	251.26	0.00	-0.29	-1.34	0.0
24656	185.4	280.1	-718.8	133.4	151.7	262.5	0.0288	0.0171	0.0022	15.70	26.40	202.45	0.00	-0.36	-1.25	0.0
24657	285.4	297.7	-689.6	149.0	210.7	225.1	0.0288	0.0171	0.0022	18.03	30.32	232.46	0.00	-0.38	-1.29	0.0
24658	348.8	283.5	-680.3	153.3	220.5	222.2	0.0288	0.0171	0.0022	19.15	32.21	246.94	0.00	-0.39	-1.31	0.0
24659	401.1	278.9	-680.8	156.2	212.7	223.4	0.0288	0.0171	0.0022	20.15	33.89	259.82	0.00	-0.40	-1.34	0.0
24660	457.5	285.1	-683.6	160.4	-209.9	218.4	0.0288	0.0171	0.0022	19.37	32.58	249.78	0.00	-0.28	-1.34	0.0
24665	2476.6	1120.0	988.9	-389.8	1813.0	-538.3	0.0216	0.0272	0.0244	177.29	141.03	156.98	0.00	-2.82	-4.10	0.0
24670	2066.9	1050.2	633.1	-793.3	1484.5	-641.7	0.0220	0.0270	0.0244	155.80	127.00	140.38	0.00	-2.80	-3.74	0.0
24675	12.7	553.1	-509.0	-319.9	134.6	-382.9	0.0216	0.0159	0.0244	38.09	51.86	33.72	0.00	-0.96	-1.46	0.0
24680	47.0	536.4	-516.4	-302.5	164.7	-341.5	0.0220	0.0157	0.0244	35.91	50.36	32.36	0.00	-0.89	-1.42	0.0
24681	627.7	362.9	-847.2	-494.4	498.1	213.7	0.0288	0.0171	0.0140	36.41	61.23	75.11	0.00	-0.87	-2.14	0.0
24682	398.0	353.2	-838.0	-470.4	529.1	-234.4	0.0401	0.0171	0.0140	25.18	58.97	72.34	0.00	-1.07	-2.05	0.0
24683	162.5	342.2	-809.3	-425.8	495.8	-253.8	0.0401	0.0171	0.0140	21.16	49.55	60.79	0.00	-0.98	-1.87	0.0
24684	155.0	334.4	-808.0	-357.1	343.1	-272.8	0.0401	0.0171	0.0140	18.24	42.72	52.41	0.00	-0.84	-1.67	0.0
24685	148.1	388.7	-820.2	-260.2	193.0	-310.3	0.0401	0.0171	0.0140	16.11	37.72	46.28	0.00	-0.66	-1.56	0.0
24686	640.6	331.4	-843.9	-460.1	464.1	-211.5	0.0288	0.0171	0.0140	38.21	64.26	78.83	0.00	-1.09	-2.08	0.0
24687	423.7	327.9	-838.5	-430.9	490.7	-232.3	0.0401	0.0171	0.0140	23.98	56.15	68.89	0.00	-1.00	-1.97	0.0
24688	182.6	321.0	-817.2	-378.0	465.9	-251.4	0.0401	0.0171	0.0140	19.70	46.14	56.61	0.00	-0.89	-1.80	0.0
24689	141.4	312.6	-812.8	-294.5	340.0	-265.9	0.0401	0.0171	0.0140	16.29	38.15	46.81	0.00	-0.72	-1.60	0.0
24690	151.0	336.2	-820.2	-214.6	190.4	-285.7	0.0401	0.0171	0.0140	14.02	32.84	40.29	0.00	-0.55	-1.47	0.0
24755	853.3	371.4	-847.0	-495.3	442.0	211.2	0.0288	0.0171	0.0140	41.65	70.03	85.91	0.00	-0.99	-2.23	0.0
24756	848.0	337.0	-841.2	-465.5	419.6	211.4	0.0288	0.0171	0.0140	40.21	67.61	82.95	0.00	-0.96	-2.17	0.0
24757	1053.7	381.8	-841.8	-477.0	386.9	215.7	0.0288	0.0171	0.0140	46.18	77.65	95.26	0.00	-1.08	-2.32	0.0
24758	1030.2	347.5	-834.5	-450.9	378.6	221.9	0.0288	0.0171	0.0140	44.55	74.92	91.90	0.00	-1.04	-2.27	0.0
24759	1182.7	400.0	-835.4	-446.3	344.9	226.0	0.0288	0.0171	0.0140	48.87	82.18	100.82	0.00	-1.11	-2.37	0.0
24760	1142.3	367.2	-827.4	-422.3	346.8	237.5	0.0288	0.0171	0.0140	46.93	78.91	96.81	0.00	-1.06	-2.31	0.0
24761	1256.4	416.9	-830.0	-407.9	311.6	231.9	0.0288	0.0171	0.0140	50.01	84.10	103.17	0.00	-1.10	-2.38	0.0
24762	1196.9	386.3	-822.4	-384.2	317.5	244.8	0.0288	0.0171	0.0140	47.56	79.98	98.12	0.00	-1.04	-2.31	0.0
24763	1288.3	420.1	-827.0	-364.7	284.7	229.7	0.0288	0.0171	0.0140	49.91	83.92	102.95	0.00	-1.07	-2.36	0.0
24764	1218.9	387.0	-821.0	-336.1	291.7	238.8	0.0288	0.0171	0.0140	47.08	79.17	97.12	0.00	-1.00	-2.28	0.0
24765	1285.8	407.8	-828.3	-319.0	259.2	219.8	0.0288	0.0171	0.0140	48.75	81.98	100.58	0.00	-1.03	-2.32	0.0
24766	1215.7	375.5	-822.7	-282.9	264.1	225.7	0.0288	0.0171	0.0140	45.79	77.01	94.47	0.00	-0.96	-2.23	0.0
24767	1241.1	380.6	-834.5	-280.2	221.5	206.7	0.0288	0.0171	0.0140	46.37	77.97	95.65	0.00	-0.98	-2.24	0.0
24768	1179.7	355.4	-835.2	-235.2	224.3	197.1	0.0288	0.0171	0.0140	43.60	73.31	89.93	0.00	-0.91	-2.16	0.0
24769	1117.9	313.9	-951.4	-268.3	-268.3	-264.1	0.0288	0.0171	0.0022	44.06	50.33	69.73	0.00	-0.49	-1.32	15.0
24770	1091.4	310.2	-887.3	-211.9	-216.6	-207.9	0.0288	0.0171	0.0022	41.91	44.36	44.36	0.00	-0.42	-1.13	15.0
24771	896.5	212.8	-860.9	-321.7	-319.0	-254.5	0.0288	0.0171	0.0057	36.35	61.13	185.05	0.00	-0.85	-2.04	0.0
24772	885.0	207.2	-893.0	-238.9	-351.4	-237.2	0.0288	0.0171	0.0057	34.72	58.39	176.74	0.00	-0.78	-2.02	0.0
24773	109.2	-417.7	-3525.7	-399.6	-1738.8	-270.6	0.0288	0.0171	0.0057	30.04	50.52	152.92	0.00	-1.30	-5.13	0.0
24774	93.0	-438.9	-3565.6	-316.6	-1721.7	-625.5	0.0288	0.0171	0.0057	27.06	45.51	137.75	0.00	-1.10	-5.15	0.0
24775	-283.4	-761.9	-5177.7	-388.4	896.2	1470.5	0.0288	0.0171	0.0057				-0.06	-0.37	-5.79	
24776	-472.6	-949.4	-5976.5	-345.0	416.7	-481.6	0.0288	0.0171	0.0057				-0.23	-1.12	-6.05	
24777	430.6	-174.4	-2409.1	-294.4	1243.0	1262.3	0.0288	0.0171	0.0057	32.62	54.85	166.04	0.00	-0.64	-4.33	0.0
24778	248.7	-339.4	-3025.5	-276.9	1730.0	169.7	0.0288	0.0171	0.0057	35.39	59.51	180.16	0.00	-1.36	-4.81	0.0
24779	982.8	241.9	-849.0	-190.5	357.2	-183.0	0.0288	0.0171	0.0045	38.44	64.63	247.78	0.00	-0.90	-2.04	0.0
24780	957.3	238.1	-673.4	-175.5	259.3	223.1	0.0288	0.0171	0.0045	35.53	59.75	229.05	0.00	-0.75	-1.80	0.0
24781	1106.2	328.3	-820.4	-141.4	245.7	230.6	0.0288	0.0171	0.0045	40.02	67.30	258.00	0.00	-0.79	-2.05	0.0
24782	1057.9	307.5	-895.1	-113.0	266.0	239.3	0.0288	0.0171	0.0045	38.26	64.33	246.61	0.00	-0.75	-2.08	0.0
24783	1127.7	367.7	-790.9	-107.7	221.6	208.6	0.0288	0.0171	0.0045	40.34	67.84	260.07	0.00	-0.76	-2.02	0.0
24784	1089.2	365.2	-812.4	-71.7	210.4	202.7	0.0288	0.0171	0.0045	38.73	65.13	249.67	0.00	-0.72	-1.99	0.0
24785	1115.5	379.5	-779.2	-74.6	206.1	202.8	0.0288	0.0171	0.0045	39.63	66.64	255.45	0.00	-0.73	-1.98	0.0
24786	1079.0	383.1	-806.1	-38.3	193.7	199.4	0.0288	0.0171	0.0045	38.16	64.17	246.00	0.00	-0.68	-1.96	0.0
24851	490.9	268.0	-680.2	141.1	-229.5	218.4	0.0288	0.0171	0.0022	19.84	33.36	255.79	0.00	-0.28	-1.35	0.0
24852	530.3	281.3	-687.5	118.3	-224.6	218.3	0.0288	0.0171	0.0022	20.59	34.62	265.43	0.00	-0.28	-1.37	0.0
24853	584.5	302.8	-693.4	101.6	-220.6	224.9	0.0288	0.0171	0.0022	22.99	29.02	0.00	0.00	-0.11	-0.86	11.3
24854	643.2	315.8	-699.2	89.3	-214.6	227.0	0.0288	0.0171	0.0022	24.74	29.17	0.00	0.00	-0.10	-0.85	11.1
24855	691.0	306.3	-708.7	-102.5	212.2	220.3	0.0288	0.0171	0.0022	26.56	29.24	0.00	0.00	-0.12	-0.86	11.5
24856	707.1	276.0	-726.3	-119.5	230.9	-201.9	0.0288	0.0171	0.0022	30.24	37.72	37.71	0.00	-0.41	-0.93	15.0
24857	670.8	221.3	-778.8	-109.8	256.2	-200.8	0.0288	0.0171	0.0022	29.09	34.37	34.36	0.00	-0.41	-0.98	15.0
24858	526.2	120.9	-754.4	95.5	361.9	-259.9	0.0288	0.0171	0.0022	21.63	36.37	278.86	0.00	-0.43	-1.55	0.0
24859	-224.6	-514.2	-3361.9	193.2	1749.3	-478.3	0.0288	0.0171	0.0057	19.33	32.50	98.38	0.00	-1.00	-4.77	0.0
24860	-908.7	-1141.1	-6137.4	296.4	371.6	409.8	0.0288	0.0171	0.0057				-0.65	-1.34	-6.19	
24861	-310.8	-658.6	-3647.6	300.7	-1670.4	717.9	0.0288	0.0171	0.0057	13.25	22.29	67.46	0.00	-0.88	-4.88	0.0
24862	529.6	-0.2	-1023.8	205.5	-510.8	416.0	0.0288	0.0171	0.0057	24.06	40.45	122.45	0.00	-0.55	-2.03	0.0
24863	832.5	190.2	-877.8	118.4	-314.1	272.7	0.0288	0.0171	0.0045	31.09	52.29	200.45	0.00	-0.64	-1.90	0.0
24864	978.3	292.1	-773.0	77.2	-210.4	208.9	0.0288	0.0171	0.0045	34.97	58.80	225.42	0.00	-0.68	-1.85	0.0
24865	1045.8	341.8	-776.7	52.5	-194.7	210.4	0.0288	0.0171	0.0045	37.07	62.33	238.96	0.00	-0.69	-1.90	0.0
24866	1087.8	370.7	-773.3	-42.8	197.0	202.0	0.0288	0.0171	0.0045	38.51	64.75	248.23	0.00	-0.70	-1.94	0.0
24867	468.4	225.8	-679.0	139.9	-228.7	219.3	0.0288	0.0171	0.0022	18.95	31.87	244.37	0.00	-0.30	-1.33	0.0
24868	507.9	236.7	-685.0	109.0	-228.4	224.7	0.0288	0.0171	0.0022	19.64	33.02	253.18	0.00	-0.29	-1.35	0.0
24869	566.4	263.2	-689.4	88.3	-227.7	235.9	0.0288	0.0171	0.0022	21.30	35.81	274.56	0.00	-0.30	-1.40	0.0
24870	636.3	280.8	-693.9	80.8	-222.3	238.4	0.0288	0.0171	0.0022	24.50	24.50	11.69	0.00	-0.05	-0.87	9.4
24871	689.3	266.8	-703.4	-98.5	221.3	225.9	0.0288	0.0171	0.0022	26.58	26.56	0.00	0.00	-0.10	-0.86	11.2
24872	710.3	234.7	-719.0	-115.3	229.2	206.8	0.0288	0.0171	0.0022	27.51	33.10	0.00	0.00	-0.24	-0.89	13.9
24873	681.5	187.2	-757.8	-113.4	254.4	-205.8	0.0288	0.0171	0.0022	29.45	34.21	34.21	0.00	-0.43	-0.97	15.0
24874	536.2	98.6	-850.8	-74.3	400.7	-187.0	0.0288	0.0171	0.0022	27.22	27.83	27.78	0.00	-0.41	-1.13	15.0
24875	-1.4	-314.4	-2420.6	165.9	1179.8	-1407.9	0.0288	0.0171	0.0057	25.72	43.25	130.92	0.00	-0.72	-4.24	0.0
24876	-662.4	-909.1	-5065.5	285.1	838.9	-1610.8	0.0288	0.0171	0.0057				-0.36	-0.51	-5.77	
24877	-455.0	-801.6	-4465.0	337.5	-1176.5	757.6	0.0288	0.0171	0.0057				-0.11	-0.67	-4.95	
24878	363.4	-147.6	-1650.3	274.8	-966.8	836.4	0.0288	0.0171	0.0057	26.30	44.23	133.88	0.00	-0.57	-3.14	0.0
24879	814.2	197.5	-731.0	165.3	-236.7	-203.2	0.0288	0.0171	0.0045	31.39	52.79	202.36	0.00	-0.73	-1.70	0.0
24880	940.6	281.7	-844.5	104.1	-230.2	253.1	0.0288	0.0171	0.0045	33.94	57.07	218.78	0.00	-0.65	-1.91	0.0
24881	1014.0	344.4	-800.5	64.7	-186.3	199.4	0.0288	0.0171	0.0045	35.96	60.48	231.84	0.00	-0.66	-1.89	0.0
24882	1053.7	375.9	-800.5	25.9	183.8	199.5	0.0288	0.0171	0.0045	37.31	62.75	240.55	0.00	-0.67	-1.92	0.0
24883	28.7	186.3	-547.9	72.4	-73.5	-134.3	0.0103	0.0159	0.0127	23.60	15.34	19.18	0.00	-0.24	-0.82	0.0
24888	34.1	185.7	-550.2	77.9	-77.2	-130.9	0.0107	0.0157	0.0127	23.07	15.74	19.44	0.00	-0.25	-0.83	0.0
24893	32.7	221.8	-623.0	87.0	-71.6	-150.0	0.0103	0.0159	0.0127	27.69	18.00	22.50	0.00	-0.29	-0.94	0.0
24898	34.8	212.1	-627.9	83.6	-77.5	-147.7	0.0107	0.0157	0.0127	25.75	17.56	21.70	0.00	-0.27	-0.93	0.0
24903	232.3	306.0	-712.7	151.9	188.8	267.7	0.0288	0.0171	0.0022	17.81	29.94	229.59	0.00	-0.40	-1.31	0.0
24904	306.3	271.8	-680.4	148.5	249.7	225.0	0.0288	0.0171	0.0022	18.46	31.04	238.02	0.00	-0.39	-1.31	0.0
24905	352.3	256.0	-671.4	149.1	254.9	225.9	0.0288	0.0171	0.0022	19.26	32.39	248.35	0.00	-0.41	-1.32	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
24906	395.5	252.5	-671.8	151.2	246.3	229.2	0.0288	0.0171	0.0022	20.11	33.82	259.29	0.00	-0.42	-1.34	0.0
24907	448.6	258.9	-674.3	153.5	-234.8	226.2	0.0288	0.0171	0.0022	18.87	31.73	243.32	0.00	-0.27	-1.33	0.0
24908	239.4	311.3	-715.2	195.4	177.0	-253.0	0.0288	0.0171	0.0022	16.69	28.07	215.22	0.00	-0.31	-1.30	0.0
24909	302.3	268.7	-679.9	174.0	237.3	215.2	0.0288	0.0171	0.0022	18.89	31.77	243.56	0.00	-0.43	-1.31	0.0
24910	340.8	256.7	-671.4	173.4	242.1	218.5	0.0288	0.0171	0.0022	19.55	32.87	252.02	0.00	-0.44	-1.32	0.0
24911	380.4	243.2	-671.9	169.5	236.5	223.3	0.0288	0.0171	0.0022	20.05	33.72	258.52	0.00	-0.45	-1.33	0.0
24912	429.1	230.3	-674.2	162.0	-229.9	222.6	0.0288	0.0171	0.0022	18.35	30.86	236.58	0.00	-0.29	-1.31	0.0
24921	707.0	204.6	-806.8	-326.3	289.5	248.2	0.0161	0.0130	0.0244	54.85	67.79	36.10	0.00	-0.72	-1.83	0.0
24990	712.5	204.7	-795.7	-340.1	323.5	246.9	0.0156	0.0132	0.0244	57.78	68.27	36.98	0.00	-0.74	-1.85	0.0
24999	653.0	192.9	-783.9	-326.8	292.6	250.9	0.0143	0.0128	0.0127	58.42	65.40	65.84	0.00	-0.68	-1.77	0.0
25008	802.6	244.0	-784.5	-351.2	301.0	247.5	0.0161	0.0130	0.0244	61.45	75.95	40.44	0.00	-0.79	-1.91	0.0
25077	774.7	242.9	-780.7	-370.5	326.6	243.7	0.0156	0.0132	0.0244	62.96	74.40	40.29	0.00	-0.80	-1.92	0.0
25086	730.6	231.9	-772.2	-360.6	296.8	247.3	0.0143	0.0128	0.0127	65.18	72.98	73.47	0.00	-0.76	-1.85	0.0
25087	1117.3	353.4	-810.9	-288.6	247.2	221.2	0.0288	0.0171	0.0140	42.63	71.68	87.93	0.00	-0.90	-2.12	0.0
25088	1122.5	363.2	-809.2	-342.7	280.5	243.0	0.0288	0.0171	0.0140	44.08	74.13	90.94	0.00	-0.95	-2.19	0.0
25089	1117.8	366.9	-810.0	-388.9	307.3	255.0	0.0288	0.0171	0.0140	45.12	75.88	93.08	0.00	-0.99	-2.24	0.0
25090	981.6	333.4	-790.2	-324.6	248.7	225.5	0.0288	0.0171	0.0140	39.14	65.82	80.75	0.00	-0.84	-2.01	0.0
25091	991.2	342.3	-791.9	-373.7	284.9	252.1	0.0288	0.0171	0.0140	40.78	68.57	84.12	0.00	-0.89	-2.09	0.0
25092	1014.3	349.5	-793.7	-412.3	310.3	269.3	0.0288	0.0171	0.0140	42.55	71.56	87.78	0.00	-0.94	-2.16	0.0
25093	850.7	304.5	-772.2	-336.7	256.9	229.7	0.0288	0.0171	0.0140	35.47	59.65	73.17	0.00	-0.78	-1.90	0.0
25094	867.9	305.5	-777.5	-372.6	295.1	257.3	0.0288	0.0171	0.0140	37.03	62.26	76.38	0.00	-0.82	-1.98	0.0
25095	893.3	317.4	-780.7	-414.3	327.0	281.1	0.0288	0.0171	0.0140	39.04	65.65	80.54	0.00	-0.87	-2.07	0.0
25096	1003.3	271.7	-666.2	-40.4	133.9	178.5	0.0288	0.0171	0.0045	35.23	59.25	227.14	0.00	-0.71	-1.73	0.0
25097	1007.7	259.2	-681.8	-101.0	148.0	179.6	0.0288	0.0171	0.0045	35.77	60.14	230.56	0.00	-0.74	-1.76	0.0
25098	960.0	216.0	-698.5	-173.2	200.1	186.5	0.0288	0.0171	0.0045	35.17	59.13	226.69	0.00	-0.78	-1.78	0.0
25099	676.9	23.2	-1360.9	-266.3	645.0	435.2	0.0288	0.0171	0.0045	30.82	51.82	198.66	0.00	-0.75	-2.58	0.0
25100	131.5	-363.1	-3166.2	-330.9	867.0	235.0	0.0288	0.0171	0.0057	15.15	25.47	77.09	0.00	-0.86	-3.85	0.0
25101	-15.2	-435.6	-3646.9	-310.4	-533.8	-809.4	0.0288	0.0171	0.0057	5.31	8.92	27.01	0.00	-0.47	-4.08	0.0
25102	468.0	-46.1	-1964.7	-231.8	-860.3	-706.9	0.0288	0.0171	0.0057	25.75	43.29	131.05	0.00	-0.56	-3.21	0.0
25103	897.2	241.5	-904.3	-181.9	-277.0	-223.2	0.0288	0.0171	0.0022	35.53	35.51	0.00	0.00	-0.30	-1.09	13.5
25104	1042.2	313.4	-839.5	-193.0	-170.8	171.0	0.0288	0.0171	0.0022	41.39	44.78	44.77	0.00	-0.54	-1.01	15.0
25105	1095.8	341.2	-816.3	-234.3	208.7	197.9	0.0288	0.0171	0.0140	40.75	68.53	84.06	0.00	-0.85	-2.05	0.0
25106	596.8	-250.8	-1923.2	-83.7	112.8	801.9	0.0266	0.0171	0.0057	22.77	35.36	107.04	0.00	-0.54	-2.86	0.0
25107	584.8	-245.3	-1948.9	-163.6	150.5	804.2	0.0266	0.0171	0.0057	23.15	35.96	108.84	0.00	-0.56	-2.90	0.0
25108	507.1	-242.1	-1977.8	-249.6	212.2	796.0	0.0266	0.0171	0.0057	21.92	34.04	103.04	0.00	-0.56	-2.90	0.0
25109	234.0	-353.5	-2776.4	-312.2	577.7	365.2	0.0266	0.0171	0.0057	15.83	24.58	74.41	0.00	-0.79	-3.37	0.0
25110	173.9	-274.0	-2783.9	-305.0	-525.0	-457.9	0.0288	0.0171	0.0057	12.31	20.70	62.66	0.00	-0.62	-3.32	0.0
25111	542.1	103.0	-1269.4	-237.5	-595.1	-380.3	0.0288	0.0171	0.0057	25.88	43.52	131.72	0.00	-0.55	-2.31	0.0
25112	807.5	284.9	-703.0	-178.2	-119.4	142.7	0.0288	0.0171	0.0022	32.91	37.22	37.21	0.00	-0.44	-0.84	15.0
25113	899.9	299.3	-823.6	-177.0	-155.5	-153.9	0.0288	0.0171	0.0022	34.75	36.80	36.80	0.00	-0.35	-0.99	15.0
25114	959.4	319.3	-787.3	-215.3	159.1	173.0	0.0288	0.0171	0.0022	37.09	45.20	63.68	0.00	-0.45	-1.04	15.0
25115	975.5	327.6	-788.1	-269.0	206.5	199.2	0.0288	0.0171	0.0140	37.55	63.14	77.46	0.00	-0.79	-1.94	0.0
25116	463.1	-225.2	-1889.7	-93.8	-105.2	-736.4	0.0266	0.0171	0.0057	17.88	27.77	84.07	0.00	-0.43	-2.65	0.0
25117	445.9	-207.8	-1908.8	-154.4	-101.8	-745.1	0.0266	0.0171	0.0057	18.16	28.20	85.38	0.00	-0.44	-2.68	0.0
25118	388.2	-176.2	-1972.5	-201.1	-97.0	-792.5	0.0266	0.0171	0.0057	17.54	27.25	82.48	0.00	-0.41	-2.75	0.0
25119	355.7	-99.6	-1953.3	-208.4	-197.6	-771.5	0.0266	0.0171	0.0057	16.66	25.87	78.33	0.00	-0.33	-2.70	0.0
25120	528.1	120.0	-1226.2	-182.6	-510.9	-352.2	0.0266	0.0171	0.0057	25.59	39.74	120.29	0.00	-0.48	-2.14	0.0
25121	722.7	286.5	-701.5	-161.6	107.6	136.9	0.0266	0.0171	0.0022	30.68	33.26	33.26	0.00	-0.31	-0.84	15.0
25122	784.2	303.0	-785.0	-169.9	-127.9	134.4	0.0266	0.0171	0.0022	34.71	36.39	36.39	0.00	-0.42	-0.91	15.0
25123	833.2	314.0	-740.6	-198.7	146.8	164.6	0.0266	0.0171	0.0022	35.22	41.77	47.09	0.00	-0.40	-0.95	15.0
25124	854.3	309.0	-755.2	-238.5	171.5	176.0	0.0266	0.0171	0.0022	37.16	44.16	75.71	0.00	-0.46	-1.05	15.0
25125	850.7	305.3	-764.3	-289.3	212.3	199.8	0.0266	0.0171	0.0022	38.73	46.59	107.38	0.00	-0.51	-1.17	15.0
25126	632.7	278.5	-547.4	-91.6	92.5	129.0	0.0266	0.0171	0.0022	25.36	28.87	0.00	0.00	-0.19	-0.62	14.5
25127	627.0	289.9	-558.0	-123.1	95.3	126.8	0.0266	0.0171	0.0022	26.17	29.92	29.92	0.00	-0.23	-0.69	15.0
25128	617.5	311.4	-560.7	-141.0	91.1	135.9	0.0266	0.0171	0.0022	26.25	32.60	32.60	0.00	-0.26	-0.70	15.0
25129	624.8	332.6	-555.5	-141.4	-95.3	160.7	0.0266	0.0171	0.0022	28.48	35.31	35.26	0.00	-0.34	-0.70	15.0
25130	640.7	323.0	-658.4	-141.1	123.9	133.3	0.0266	0.0171	0.0022	27.18	33.73	0.00	0.00	-0.26	-0.74	14.7
25131	673.3	308.2	-722.3	-157.4	-113.5	129.9	0.0266	0.0171	0.0022	30.60	33.72	33.71	0.00	-0.37	-0.84	15.0
25132	713.6	306.4	-695.4	-188.3	130.5	159.4	0.0266	0.0171	0.0022	30.87	37.55	37.55	0.00	-0.35	-0.88	15.0
25133	735.6	296.0	-714.1	-223.5	147.2	167.6	0.0266	0.0171	0.0022	32.50	40.55	59.86	0.00	-0.42	-0.96	15.0
25134	747.2	285.3	-725.1	-262.0	173.2	179.9	0.0266	0.0171	0.0022	34.15	42.33	85.60	0.00	-0.47	-1.05	15.0
25135	745.4	275.2	-741.4	-302.8	206.6	200.4	0.0266	0.0171	0.0022	35.49	43.97	106.66	0.00	-0.51	-1.15	15.0
25136	555.5	340.3	-614.5	-98.4	90.6	141.6	0.0266	0.0171	0.0022	22.35	34.72	266.20	0.00	-0.26	-1.24	0.0
25137	557.2	343.1	-621.7	-119.2	93.6	144.0	0.0266	0.0171	0.0022	22.97	35.67	273.48	0.00	-0.29	-1.26	0.0
25138	559.4	344.0	-630.8	-136.1	98.5	148.1	0.0266	0.0171	0.0022	24.20	32.92	0.00	0.00	-0.23	-0.71	14.4
25139	565.5	338.3	-643.6	-150.3	108.3	148.7	0.0266	0.0171	0.0022	25.32	31.94	20.87	0.00	-0.24	-0.77	15.0
25140	579.4	327.0	-640.5	-165.8	111.9	154.7	0.0266	0.0171	0.0022	26.20	32.75	32.70	0.00	-0.27	-0.80	15.0
25141	597.5	310.0	-646.4	-187.1	125.6	158.7	0.0266	0.0171	0.0022	27.07	34.85	34.85	0.00	-0.31	-0.82	15.0
25142	614.9	290.7	-667.0	-215.3	131.4	162.1	0.0266	0.0171	0.0022	28.16	37.34	49.14	0.00	-0.38	-0.88	15.0
25143	630.3	274.4	-679.3	-248.6	149.5	171.4	0.0266	0.0171	0.0022	29.74	38.73	71.85	0.00	-0.43	-0.96	15.0
25144	641.5	258.2	-696.6	-283.4	168.6	180.8	0.0266	0.0171	0.0022	31.26	40.10	91.99	0.00	-0.48	-1.04	15.0
25145	649.9	241.0	-715.8	-317.8	194.0	197.6	0.0266	0.0171	0.0022	32.70	41.39	108.93	0.00	-0.52	-1.13	15.0
25146	493.9	326.1	-547.7	-120.6	107.7	154.6	0.0266	0.0171	0.0022	20.96	32.55	249.57	0.00	-0.25	-1.15	0.0
25147	494.3	323.8	-556.0	-142.7	111.6	156.5	0.0266	0.0171	0.0022	21.64	33.61	257.68	0.00	-0.29	-1.18	0.0
25148	495.1	318.7	-566.2	-162.7	116.5	158.9	0.0266	0.0171	0.0022	22.26	34.58	265.14	0.00	-0.32	-1.20	0.0
25149	496.7	311.7	-577.9	-181.4	121.7	161.6	0.0266	0.0171	0.0022	22.86	35.51	272.24	0.00	-0.36	-1.24	0.0
25150	499.9	302.1	-594.2	-200.3	129.0	163.7	0.0266	0.0171	0.0022	24.06	34.40	42.39	0.00	-0.31	-0.80	15.0
25151	505.8	289.5	-610.7	-221.1	136.6	166.3	0.0266	0.0171	0.0022	24.96	34.99	53.00	0.00	-0.35	-0.85	15.0
25152	514.4	274.5	-626.7	-245.1	146.2	169.8	0.0266	0.0171	0.0022	26.01	35.87	66.21	0.00	-0.39	-0.90	15.0
25153	524.7	257.9	-645.8	-272.2	156.5	174.4	0.0266	0.0171	0.0022	27.22	36.88	80.53	0.00	-0.43	-0.96	15.0
25154	536.9	240.1	-665.7	-301.2	170.2	181.5	0.0266	0.0171	0.0022	28.56	37.95	95.32	0.00	-0.48	-1.03	15.0
25155	553.1	218.6	-688.0	-329.9	186.7	192.5	0.0266	0.0171	0.0022	29.99	38.98	108.62	0.00	-0.52	-1.10	15.0
25156	841.2	310.4	-824.3	-471.4	362.0	204.6	0.0288	0.0171	0.0140	39.60	66.58	81.68	0.00	-0.98	-2.11	0.0
25157	829.7	281.1	-796.4	-480.5	317.9	205.2	0.0288	0.0171	0.0140	39.06	65.68	80.57	0.00	-1.00	-2.06	0.0
25158	787.5	247.2	-773.1	-442.3	300.0	217.9	0.0266	0.0171	0.0022	42.23	50.43	183.62	0.00	-0.69	-1.44	15.0
25159	997.9	323.1	-818.9	-453.9	346.6	223.6	0.0288	0.0171	0.0140	43.34	72.89	89.41	0.00	-1.04	-2.21	0.0
25160	956.8	300.8	-795.6	-464.5	327.2	232.1	0.0288	0.0171	0.0140	42.19	70.94	87.03	0.00	-1.03	-2.15	0.0
25161	891.7	270.2	-777.5	-432.1	321.8	246.1	0.0288	0.0171	0.0140	39.24	65.98	80.94	0.00	-0.95	-2.06	0.0
25162	1091.0	345.8	-813.5	-425.0	331.8	246.4	0.0288	0.0171	0.0140	45.26	76.11	93.37	0.00	-1.03	-2.25	0.0
25163	1025.7	327.3	-794.9	-440.0	327.8	260.4	0.0288	0.0171	0.0140	43.58	73.29	89.91	0.00	-1.01	-2.20	0.0
25164	966.4	295.5	-779.4	-426.9	335.4	276.2	0.0288	0.0171	0.0140	41.38	69.58	85.36	0.00	-0.96	-2.14	0.0
25165	582.5	199.9	-711.5	-353.9	207.7	208.3	0.0266	0.0171	0.0022	31.67	40.18	118.80	0.00	-0.55	-1.18	15.0
25166	674.5	235.1	-735.2	-344.1	224.8	222.3	0.0266	0.0171	0.0022	34.42	43.08	120.02	0.00	-0.54	-1.21	15.0
25167	756.5	272.2	-755.9	-334.1	247.0	231.1	0.0266	0.0171	0.0022	37.03	45.69	119.34	0.00	-0.52	-1.24	15.0
25168	631.6	205.0	-734.6	-374.3	234.2	223.1	0.0266	0.0171	0.0022	34.05	42.47	129.57	0.00	-0.57	-1.25	15.0
25169	722.7	246.3	-752.8	-362.8	258.3	245.0	0.0266	0.0171	0.0022	36.79	45.48	129.07	0.00	-0.54	-1.29	15.0
25170	794.7	274.1	-767.0	-354.2	284.1	257.8	0.0266	0.0171	0.0022	39.15	47.49	127.30	0.00	-0.52	-1.32	15.0
25171	702.0	222.5	-755.4	-397.5	267.6	229.0	0.0266	0.0171	0.0022	37.42	45.65	146.48	0.00	-0.61	-1.33	15.0
25172	789.0	252.6	-766.9	-385.9	293.7	256.0	0.0266	0.0171	0.0022	40.02	48.10	144.48	0.00	-0.57	-1.37	15.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
25173	848.9	281.3	-777.6	-375.2	320.6	277.4	0.0266	0.0171	0.0022	41.93	49.79	137.84	0.00	-0.53	-1.39	15.0
25238	946.2	865.6	-83.9	-745.8	697.0	-530.5	0.0228	0.0266	0.0244	88.45	75.67	82.45	0.00	-1.84	-2.47	0.0
25239	179.2	459.7	-575.9	-300.4	221.0	-348.2	0.0240	0.0147	0.0244	32.34	52.84	31.79	0.00	-0.79	-1.48	0.0
25240	185.0	311.0	-616.0	-229.2	230.4	-293.6	0.0232	0.0140	0.0127	25.89	42.80	47.23	0.00	-0.59	-1.33	0.0
25241	170.0	242.0	-620.2	-202.2	217.3	-239.2	0.0133	0.0133	0.0127	37.85	37.92	39.67	0.00	-0.50	-1.22	0.0
25242	177.8	199.9	-606.9	-187.5	201.5	-189.6	0.0148	0.0125	0.0127	30.27	35.81	35.33	0.00	-0.45	-1.13	0.0
25243	191.2	168.8	-592.4	-179.7	185.3	-148.4	0.0164	0.0118	0.0127	25.39	35.32	32.71	0.00	-0.42	-1.06	0.0
25244	208.8	141.5	-578.6	-172.5	170.6	-115.3	0.0179	0.0110	0.0127	22.01	35.83	31.02	0.00	-0.39	-1.02	0.0
25245	226.9	115.8	-565.7	-163.2	157.3	-88.1	0.0194	0.0103	0.0127	19.47	36.85	29.73	0.00	-0.38	-0.98	0.0
25246	243.3	91.6	-553.5	-150.7	144.6	75.8	0.0208	0.0095	0.0127	16.53	36.10	27.10	0.00	-0.31	-0.94	0.0
25247	256.9	69.3	-542.4	-135.2	131.7	65.4	0.0222	0.0089	0.0127	15.19	37.91	26.48	0.00	-0.31	-0.91	0.0
25248	267.0	49.6	-532.5	-117.2	118.5	56.3	0.0233	0.0083	0.0127	14.01	39.48	25.73	0.00	-0.31	-0.89	0.0
25249	273.1	32.9	-524.3	-97.1	104.8	48.7	0.0244	0.0078	0.0127	12.95	40.67	24.85	0.00	-0.31	-0.86	0.0
25250	274.7	19.4	-518.1	-75.8	90.3	42.1	0.0252	0.0073	0.0127	11.99	41.26	23.82	0.00	-0.30	-0.84	0.0
25251	270.4	9.1	-519.3	-53.2	-73.4	37.3	0.0259	0.0070	0.0127	11.14	41.19	22.71	0.00	-0.29	-0.82	0.0
25252	271.7	-0.3	-539.5	-30.5	-82.0	37.7	0.0263	0.0068	0.0127	10.78	41.88	22.35	0.00	-0.29	-0.83	0.0
25253	276.5	1.8	-565.7	-13.5	-72.1	34.5	0.0266	0.0067	0.0127	10.67	42.52	22.31	0.00	-0.28	-0.86	0.0
25318	188.5	470.0	-577.4	-312.1	216.1	-327.5	0.0228	0.0153	0.0244	34.44	51.22	32.11	0.00	-0.80	-1.48	0.0
25319	227.9	382.3	-676.0	-277.5	204.9	-297.3	0.0240	0.0147	0.0244	28.66	46.83	28.17	0.00	-0.67	-1.46	0.0
25320	185.1	296.6	-706.3	-226.5	181.5	-256.1	0.0232	0.0140	0.0127	23.83	39.39	43.46	0.00	-0.54	-1.34	0.0
25321	190.8	248.2	-690.8	-209.1	182.2	-215.1	0.0133	0.0133	0.0127	37.34	37.41	39.14	0.00	-0.49	-1.26	0.0
25322	202.7	215.7	-673.6	-201.8	174.4	-176.1	0.0148	0.0125	0.0127	31.35	37.09	36.60	0.00	-0.46	-1.19	0.0
25323	221.1	187.5	-656.7	-197.5	166.4	-144.3	0.0164	0.0118	0.0127	27.27	37.93	35.13	0.00	-0.44	-1.15	0.0
25324	241.7	159.4	-641.1	-191.1	159.4	-118.3	0.0179	0.0110	0.0127	24.16	39.33	34.05	0.00	-0.43	-1.11	0.0
25325	261.3	131.2	-626.6	-180.6	153.1	-96.0	0.0194	0.0103	0.0127	21.61	40.89	32.99	0.00	-0.41	-1.08	0.0
25326	277.7	104.2	-613.0	-165.8	146.6	-76.3	0.0208	0.0095	0.0127	19.43	42.43	31.85	0.00	-0.40	-1.04	0.0
25327	290.3	79.4	-600.4	-147.6	139.6	60.2	0.0222	0.0089	0.0127	16.98	42.36	29.60	0.00	-0.35	-1.01	0.0
25328	298.7	57.9	-589.1	-126.9	132.1	51.2	0.0233	0.0083	0.0127	15.60	43.98	28.66	0.00	-0.35	-0.98	0.0
25329	302.8	40.0	-579.0	-104.6	124.1	43.0	0.0244	0.0078	0.0127	14.39	45.21	27.62	0.00	-0.34	-0.95	0.0
25330	302.0	25.9	-571.8	-81.0	115.0	36.1	0.0252	0.0073	0.0127	13.29	45.74	26.40	0.00	-0.32	-0.93	0.0
25331	294.9	16.6	-562.9	-57.4	104.6	28.4	0.0259	0.0070	0.0127	12.24	45.26	24.95	0.00	-0.31	-0.89	0.0
25332	267.6	9.6	-589.9	-27.4	-118.9	27.4	0.0263	0.0068	0.0127	10.90	42.35	22.60	0.00	-0.28	-0.89	0.0
25333	296.1	-21.4	-685.6	29.9	-129.8	61.1	0.0266	0.0067	0.0127	11.83	47.15	24.74	0.00	-0.33	-1.02	0.0
25334	658.0	302.3	-827.0	-474.1	378.5	193.7	0.0288	0.0171	0.0140	35.07	58.98	72.35	0.00	-0.89	-2.00	0.0
25335	669.6	264.9	-796.7	-490.9	308.0	184.6	0.0288	0.0171	0.0140	35.13	59.08	72.47	0.00	-0.96	-1.94	0.0
25336	648.1	231.3	-769.4	-456.5	277.7	191.3	0.0266	0.0171	0.0022	38.31	47.67	176.95	0.00	-0.72	-1.40	15.0
25337	594.4	199.0	-745.8	-411.7	248.2	201.8	0.0266	0.0171	0.0022	34.49	43.12	145.16	0.00	-0.64	-1.30	15.0
25338	540.0	180.7	-721.1	-383.9	221.1	202.8	0.0266	0.0171	0.0022	31.49	39.91	126.51	0.00	-0.59	-1.22	15.0
25339	503.7	182.6	-695.0	-360.1	201.9	196.7	0.0266	0.0171	0.0022	29.44	38.03	114.78	0.00	-0.55	-1.15	15.0
25340	481.2	198.1	-669.4	-334.7	188.6	188.8	0.0266	0.0171	0.0022	27.91	36.82	104.01	0.00	-0.51	-1.08	15.0
25341	467.2	215.5	-645.1	-307.6	178.6	182.3	0.0266	0.0171	0.0022	26.59	35.77	92.29	0.00	-0.47	-1.02	15.0
25342	458.0	230.8	-622.6	-280.7	170.7	177.6	0.0266	0.0171	0.0022	25.41	34.73	80.15	0.00	-0.42	-0.96	15.0
25343	451.7	244.4	-602.0	-255.2	164.0	174.1	0.0266	0.0171	0.0022	24.37	33.74	68.44	0.00	-0.38	-0.91	15.0
25344	447.9	256.4	-582.9	-231.6	158.3	171.3	0.0266	0.0171	0.0022	22.70	35.26	270.35	0.00	-0.43	-1.26	0.0
25345	446.1	266.4	-566.1	-209.7	153.3	169.0	0.0266	0.0171	0.0022	22.01	34.19	262.11	0.00	-0.39	-1.22	0.0
25346	445.7	274.9	-551.9	-189.4	149.0	166.8	0.0266	0.0171	0.0022	21.40	33.23	254.80	0.00	-0.35	-1.19	0.0
25347	445.6	282.9	-538.9	-169.8	145.1	164.6	0.0266	0.0171	0.0022	20.82	32.33	247.90	0.00	-0.32	-1.15	0.0
25348	444.8	290.8	-527.9	-148.8	142.0	161.3	0.0266	0.0171	0.0022	20.18	31.34	240.31	0.00	-0.28	-1.12	0.0
25349	444.1	296.4	-519.0	-123.3	138.8	157.8	0.0266	0.0171	0.0022	19.40	30.13	231.03	0.00	-0.24	-1.09	0.0
25350	459.7	295.7	-825.2	-451.1	387.7	-210.5	0.0288	0.0171	0.0140	32.72	55.03	67.50	0.00	-1.02	-1.88	0.0
25351	494.6	248.9	-796.4	-478.5	297.8	-178.5	0.0288	0.0171	0.0140	32.44	54.56	66.93	0.00	-1.05	-1.80	0.0
25352	493.0	222.2	-767.2	-453.6	259.1	170.1	0.0266	0.0171	0.0022	33.54	44.01	156.56	0.00	-0.71	-1.34	15.0
25353	470.7	202.4	-740.0	-416.2	232.7	177.6	0.0266	0.0171	0.0022	31.07	40.83	135.55	0.00	-0.65	-1.25	15.0
25354	446.4	184.5	-713.5	-385.4	212.5	182.5	0.0266	0.0171	0.0022	28.87	38.09	118.39	0.00	-0.59	-1.18	15.0
25355	431.5	175.2	-686.8	-359.1	198.1	182.3	0.0266	0.0171	0.0022	27.29	36.06	106.28	0.00	-0.55	-1.11	15.0
25356	424.8	176.6	-660.7	-332.2	188.2	179.4	0.0266	0.0171	0.0022	26.04	34.57	95.33	0.00	-0.50	-1.05	15.0
25357	422.0	183.2	-635.8	-303.7	181.0	176.0	0.0266	0.0171	0.0022	24.92	33.28	83.63	0.00	-0.46	-0.99	15.0
25358	421.0	190.9	-612.5	-274.9	175.4	173.2	0.0266	0.0171	0.0022	22.78	35.39	271.32	0.00	-0.52	-1.30	0.0
25359	420.6	198.3	-591.0	-246.7	170.6	170.9	0.0266	0.0171	0.0022	21.89	34.00	260.72	0.00	-0.47	-1.25	0.0
25360	420.7	205.2	-571.3	-219.7	166.6	168.9	0.0266	0.0171	0.0022	21.06	32.71	250.80	0.00	-0.42	-1.21	0.0
25361	421.1	211.3	-553.6	-194.1	163.0	167.1	0.0266	0.0171	0.0022	20.29	31.52	241.64	0.00	-0.37	-1.17	0.0
25362	421.5	216.9	-537.9	-170.2	159.9	165.3	0.0266	0.0171	0.0022	19.60	30.44	233.36	0.00	-0.33	-1.13	0.0
25363	420.6	223.5	-524.5	-148.5	157.0	163.4	0.0266	0.0171	0.0022	18.96	29.45	225.80	0.00	-0.30	-1.10	0.0
25364	416.3	232.7	-513.4	-126.9	154.8	159.7	0.0266	0.0171	0.0022	18.27	28.38	217.61	0.00	-0.26	-1.06	0.0
25365	410.6	241.5	-503.7	-98.1	152.9	152.5	0.0266	0.0171	0.0022	17.39	27.00	207.05	0.00	-0.21	-1.03	0.0
25366	244.1	287.5	-815.4	-397.9	364.9	-228.2	0.0401	0.0171	0.0140	19.30	45.20	55.45	0.00	-0.89	-1.71	0.0
25367	317.6	234.9	-794.4	-435.1	274.4	-191.0	0.0288	0.0171	0.0140	27.19	45.71	56.08	0.00	-0.94	-1.65	0.0
25368	343.3	223.1	-765.4	-421.8	236.6	-163.6	0.0266	0.0171	0.0022	27.32	53.96	61.01	0.00	-0.99	-0.99	15.0
25369	346.7	213.9	-736.1	-394.0	214.8	157.6	0.0266	0.0171	0.0022	26.77	37.65	109.88	0.00	-0.61	-1.17	15.0
25370	346.7	196.7	-707.7	-367.8	199.7	161.5	0.0266	0.0171	0.0022	25.50	35.54	98.70	0.00	-0.57	-1.11	15.0
25371	350.7	179.4	-680.0	-344.2	188.5	162.9	0.0266	0.0171	0.0022	23.37	36.29	278.25	0.00	-0.62	-1.39	0.0
25372	358.1	169.1	-653.1	-319.7	180.4	162.1	0.0266	0.0171	0.0022	22.51	34.96	268.08	0.00	-0.58	-1.34	0.0
25373	366.2	165.4	-627.4	-293.3	174.4	160.4	0.0266	0.0171	0.0022	21.72	33.74	258.68	0.00	-0.54	-1.29	0.0
25374	373.5	165.1	-603.3	-265.6	169.7	158.6	0.0266	0.0171	0.0022	20.94	32.52	249.33	0.00	-0.50	-1.24	0.0
25375	379.7	166.3	-581.0	-237.5	165.7	157.0	0.0266	0.0171	0.0022	20.15	31.30	240.00	0.00	-0.45	-1.19	0.0
25376	384.6	168.0	-560.6	-209.8	162.2	155.6	0.0266	0.0171	0.0022	19.39	30.11	230.87	0.00	-0.41	-1.15	0.0
25377	388.3	170.0	-542.2	-182.9	159.1	154.4	0.0266	0.0171	0.0022	18.65	28.97	222.15	0.00	-0.36	-1.11	0.0
25378	391.1	172.1	-525.9	-157.2	156.6	152.8	0.0266	0.0171	0.0022	17.98	27.93	214.14	0.00	-0.33	-1.07	0.0
25379	391.9	176.1	-512.1	-134.9	153.9	151.0	0.0266	0.0171	0.0022	17.40	27.03	207.23	0.00	-0.29	-1.04	0.0
25380	386.2	185.7	-501.9	-116.4	150.7	149.4	0.0266	0.0171	0.0022	16.78	26.06	199.78	0.00	-0.26	-1.01	0.0
25381	375.0	198.8	-493.6	-87.6	151.5	134.8	0.0266	0.0171	0.0022	15.83	24.58	188.49	0.00	-0.21	-0.97	0.0
25382	110.3	288.3	-808.9	-308.3	278.3	-239.8	0.0401	0.0171	0.0140	15.24	35.70	43.79	0.00	-0.73	-1.52	0.0
25383	163.8	242.7	-792.2	-356.1	224.8	-202.6	0.0401	0.0171	0.0140	15.59	36.51	44.79	0.00	-0.78	-1.48	0.0
25384	209.1	241.1	-766.4	-356.5	203.1	-171.8	0.0266	0.0171	0.0022	26.61	36.62	36.61	0.00	-0.79	-0.94	15.0
25385	230.8	231.9	-736.3	-342.7	190.7	-153.4	0.0266	0.0171	0.0022	23.22	36.07	276.53	0.00	-0.73	-1.40	0.0
25386	249.3	213.5	-706.8	-327.6	181.7	-143.2	0.0266	0.0171	0.0022	22.56	35.03	268.61	0.00	-0.70	-1.35	0.0
25387	268.5	191.8	-678.3	-312.2	174.4	139.8	0.0266	0.0171	0.0022	20.52	31.88	244.41	0.00	-0.56	-1.30	0.0
25388	287.9	172.7	-650.9	-294.4	169.0	138.5	0.0266	0.0171	0.0022	20.00	31.06	238.12	0.00	-0.53	-1.25	0.0
25389	305.7	158.9	-624.7	-273.3	164.9	136.6	0.0266	0.0171	0.0022	19.45	30.21	231.63	0.00	-0.50	-1.21	0.0
25390	321.0	149.7	-600.0	-249.5	161.7	134.5	0.0266	0.0171	0.0022	18.87	29.30	224.69	0.00	-0.47	-1.17	0.0
25391	333.6	143.7	-577.2	-224.0	159.0	132.6	0.0266	0.0171	0.0022	18.25	28.35	217.34	0.00	-0.43	-1.13	0.0
25392	343.6	139.5	-556.3	-197.8	156.7	130.8	0.0266	0.0171	0.0022	17.62	27.37	209.82	0.00	-0.39	-1.09	0.0
25393	351.4	136.7	-537.5	-171.5	154.5	129.0	0.0266	0.0171	0.0022	17.00	26.40	202.43	0.00	-0.36	-1.05	0.0
25394	356.8	134.7	-521.5	-145.9	152.4	128.3	0.0266	0.0171	0.0022	16.40	25.47	195.32	0.00	-0.32	-1.02	0.0
25395	360.7	134.5	-504.9	-122.1	151.6	123.7	0.0266	0.0171	0.0022	15.92	24.73	189.59	0.00	-0.30	-0.98	0.0
25396	354.0	142.0	-503.8	-107.0	142.4	129.9	0.0266	0.0171	0.0022	15.29	23.75	182.08	0.00	-0.26	-0.96	0.0
25397	334.9	155.7	-499.8	-85.6	136.0	113.9	0.0266	0.0171	0.0022	14.22	22.08	169.30	0.00	-0.22	-0.92	0.0
25398	111.4	338.6	-814.6	-222.0	145.0	-244.0	0.0401	0.0171	0.0140	13.31	31.18	38.25	0.00	-0.56	-1.41	0.0
25399	80.1	302.3	-794.9	-259.4	142.2	-212.3	0.0401	0.0171	0.0140	13.04	30.53	37.45	0.00	-0.61	-1.37	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
25400	103.7	281.8	-771.7	-261.5	159.7	-195.0	0.0379	0.0171	0.0022	13.66	30.25	231.90	0.00	-0.60	-1.34	0.0
25401	129.4	264.4	-745.7	-260.5	163.8	-176.4	0.0266	0.0171	0.0022	19.23	29.87	229.05	0.00	-0.58	-1.30	0.0
25402	158.1	244.4	-719.0	-261.4	165.4	-160.6	0.0266	0.0171	0.0022	19.14	29.72	227.88	0.00	-0.57	-1.27	0.0
25403	187.6	219.9	-693.6	-260.1	166.0	-147.2	0.0266	0.0171	0.0022	18.98	29.49	226.08	0.00	-0.56	-1.24	0.0
25404	216.2	193.4	-669.3	-254.0	166.9	-135.3	0.0266	0.0171	0.0022	18.73	29.09	223.07	0.00	-0.55	-1.21	0.0
25405	242.2	167.9	-646.3	-242.5	168.0	-124.0	0.0266	0.0171	0.0022	18.36	28.52	218.70	0.00	-0.53	-1.17	0.0
25406	264.4	145.8	-624.5	-226.2	169.0	-113.2	0.0266	0.0171	0.0022	17.91	27.81	213.25	0.00	-0.50	-1.14	0.0
25407	282.9	127.5	-604.4	-206.5	169.7	-103.0	0.0266	0.0171	0.0022	17.39	27.01	207.12	0.00	-0.48	-1.10	0.0
25408	297.8	113.0	-585.9	-184.7	170.1	-93.7	0.0266	0.0171	0.0022	16.85	26.17	200.66	0.00	-0.45	-1.07	0.0
25409	309.3	101.6	-569.5	-161.5	170.1	-85.0	0.0266	0.0171	0.0022	16.29	25.31	194.04	0.00	-0.42	-1.04	0.0
25410	317.7	93.7	-553.7	-137.7	169.4	-78.6	0.0266	0.0171	0.0022	15.75	24.46	187.57	0.00	-0.39	-1.01	0.0
25411	321.7	85.3	-548.5	-113.8	167.2	76.9	0.0266	0.0171	0.0022	14.50	22.52	172.65	0.00	-0.32	-0.98	0.0
25412	321.6	94.0	-503.1	-92.0	168.4	-91.6	0.0266	0.0171	0.0022	14.82	23.01	176.46	0.00	-0.33	-0.94	0.0
25413	235.9	68.6	-791.2	-80.6	-263.2	182.1	0.0266	0.0171	0.0022	13.33	20.70	158.74	0.00	-0.31	-1.24	0.0
25422	285.4	143.5	-666.3	125.5	-166.5	217.8	0.0161	0.0130	0.0127	22.31	27.74	28.34	0.00	-0.20	-1.12	0.0
25491	269.3	145.6	-649.6	120.7	-179.0	224.1	0.0157	0.0132	0.0127	21.99	26.11	27.14	0.00	-0.18	-1.09	0.0
25500	276.9	135.9	-643.4	123.4	-171.6	223.5	0.0144	0.0128	0.0127	24.36	27.44	27.57	0.00	-0.19	-1.09	0.0
25509	396.3	168.3	-648.8	115.3	-189.4	229.0	0.0161	0.0130	0.0127	28.07	34.90	35.66	0.00	-0.24	-1.20	0.0
25578	387.4	171.5	-644.5	118.7	-197.1	231.4	0.0157	0.0132	0.0127	28.62	33.97	35.32	0.00	-0.23	-1.20	0.0
25587	386.1	167.9	-637.6	115.0	-188.3	231.1	0.0144	0.0128	0.0127	30.84	34.75	34.90	0.00	-0.23	-1.18	0.0
25588	715.9	224.1	-703.5	-125.5	206.4	204.7	0.0288	0.0171	0.0022	27.73	27.73	0.00	0.00	-0.18	-0.86	12.6
25589	688.2	252.3	-689.1	-106.0	208.2	229.8	0.0288	0.0171	0.0022	26.43	26.42	5.86	0.00	-0.12	-0.86	11.1
25590	627.5	269.2	-682.4	84.1	-215.6	246.7	0.0288	0.0171	0.0022	24.17	24.17	0.14	0.00	-0.05	-0.85	10.2
25591	719.2	235.8	-674.0	-129.1	192.1	211.0	0.0288	0.0171	0.0022	27.53	32.20	0.00	0.00	-0.22	-0.84	14.9
25592	685.3	254.4	-667.7	-109.8	207.4	239.5	0.0288	0.0171	0.0022	26.42	26.42	0.00	0.00	-0.10	-0.84	12.0
25593	613.5	268.8	-665.5	90.8	-219.3	260.5	0.0288	0.0171	0.0022	23.82	23.82	2.92	0.00	-0.03	-0.85	10.2
25594	699.5	225.5	-651.9	-121.5	191.6	217.4	0.0266	0.0171	0.0022	29.03	29.03	0.00	0.00	-0.18	-0.82	13.9
25595	667.7	227.4	-651.2	104.1	216.1	246.5	0.0288	0.0171	0.0022	28.50	38.33	38.33	0.00	-0.42	-0.90	15.0
25596	614.7	245.3	-650.8	105.0	-234.0	272.5	0.0288	0.0171	0.0022	24.23	24.23	10.04	0.00	-0.05	-0.88	10.6
25597	981.6	265.2	-658.6	24.8	127.9	176.6	0.0288	0.0171	0.0045	34.50	58.01	222.37	0.00	-0.70	-1.69	0.0
25598	943.4	239.2	-660.7	83.5	-135.5	176.8	0.0288	0.0171	0.0045	33.38	56.13	215.17	0.00	-0.69	-1.67	0.0
25599	858.6	183.3	-671.0	151.0	-185.9	183.2	0.0288	0.0171	0.0045	31.40	52.81	202.43	0.00	-0.70	-1.64	0.0
25600	569.0	-12.7	-1272.8	240.9	-580.2	474.0	0.0288	0.0171	0.0057	26.11	43.91	132.93	0.00	-0.61	-2.36	0.0
25601	38.6	-379.8	-2935.1	325.7	-767.4	368.9	0.0288	0.0171	0.0057	10.70	17.99	54.46	0.00	-0.70	-3.50	0.0
25602	-201.4	-470.8	-3424.4	327.0	409.4	-748.1	0.0288	0.0171	0.0057	0.69	1.16	3.52	0.00	-0.47	-3.69	0.0
25603	65.7	-167.7	-1998.8	221.6	690.0	-862.8	0.0288	0.0171	0.0057	9.93	16.69	50.54	0.00	-0.13	-2.83	0.0
25604	385.1	68.9	-1068.1	94.7	389.8	-432.4	0.0288	0.0171	0.0022	16.79	28.24	216.49	0.00	-0.27	-1.79	0.0
25605	584.8	158.2	-859.5	-118.9	321.9	-259.3	0.0288	0.0171	0.0022	28.45	33.84	33.83	0.00	-0.47	-1.12	15.0
25606	696.0	203.4	-722.4	-132.5	214.6	-180.8	0.0288	0.0171	0.0022	28.96	41.69	0.00	0.00	-0.52	-0.85	15.0
25607	575.0	-263.1	-1937.3	49.0	-107.9	811.4	0.0266	0.0171	0.0057	21.80	33.86	102.50	0.00	-0.51	-2.85	0.0
25608	526.5	-276.8	-1963.8	111.5	-133.3	820.4	0.0266	0.0171	0.0057	20.37	31.64	95.79	0.00	-0.49	-2.85	0.0
25609	426.1	-286.8	-1965.5	185.4	-192.2	806.9	0.0266	0.0171	0.0057	17.72	27.52	83.31	0.00	-0.46	-2.78	0.0
25610	138.1	-408.5	-2725.3	246.1	-557.4	387.5	0.0266	0.0171	0.0057	10.84	16.83	50.94	0.00	-0.67	-3.19	0.0
25611	44.9	-339.3	-2710.7	247.1	527.1	-463.0	0.0288	0.0171	0.0057	6.87	11.55	34.97	0.00	-0.49	-3.10	0.0
25612	345.0	37.8	-1208.6	184.3	600.2	-402.1	0.0288	0.0171	0.0057	19.26	32.38	98.02	0.00	-0.40	-2.09	0.0
25613	540.8	235.1	-633.2	98.5	142.5	134.5	0.0288	0.0171	0.0022	20.66	34.74	266.35	0.00	-0.38	-1.26	0.0
25614	595.8	246.1	-734.9	-93.7	172.7	-164.2	0.0288	0.0171	0.0022	24.55	29.47	29.45	0.00	-0.30	-0.87	15.0
25615	659.8	240.0	-699.4	-127.4	169.0	-156.3	0.0288	0.0171	0.0022	27.48	31.99	31.96	0.00	-0.37	-0.84	15.0
25616	708.5	229.5	-688.9	-136.4	181.2	177.4	0.0288	0.0171	0.0022	27.25	32.53	0.00	0.00	-0.27	-0.83	14.9
25617	444.6	-235.5	-1902.8	62.5	90.1	-749.3	0.0266	0.0171	0.0057	16.94	26.31	79.64	0.00	-0.40	-2.65	0.0
25618	398.1	-233.3	-1922.3	102.6	107.9	-767.6	0.0266	0.0171	0.0057	15.58	24.20	73.25	0.00	-0.36	-2.64	0.0
25619	321.4	-211.0	-1960.7	132.7	109.6	-807.9	0.0266	0.0171	0.0057	13.44	20.88	63.21	0.00	-0.28	-2.64	0.0
25620	269.2	-141.1	-1917.2	130.0	213.6	-780.3	0.0266	0.0171	0.0057	11.55	17.93	54.28	0.00	-0.17	-2.54	0.0
25621	412.8	76.0	-1175.1	97.7	528.3	-362.6	0.0266	0.0171	0.0057	21.53	33.44	101.23	0.00	-0.40	-2.00	0.0
25622	571.5	245.2	-639.9	64.3	118.6	128.4	0.0266	0.0171	0.0022	22.55	35.03	268.59	0.00	-0.36	-1.27	0.0
25623	600.6	265.5	-710.6	-72.2	152.0	-126.7	0.0266	0.0171	0.0022	25.58	27.74	27.72	0.00	-0.24	-0.82	15.0
25624	631.0	273.9	-655.7	-95.7	125.5	154.5	0.0266	0.0171	0.0022	25.63	27.61	0.00	0.00	-0.17	-0.74	13.3
25625	656.6	256.2	-658.4	-112.9	139.1	164.0	0.0266	0.0171	0.0022	26.59	33.94	0.00	0.00	-0.27	-0.77	14.8
25626	688.4	234.8	-654.3	-123.6	-162.3	186.3	0.0266	0.0171	0.0022	30.62	34.08	34.08	0.00	-0.38	-0.82	15.0
25627	623.2	276.6	-538.1	63.9	87.8	130.7	0.0266	0.0171	0.0022	25.35	28.32	28.30	0.00	-0.21	-0.65	15.0
25628	598.8	282.5	-535.0	74.3	-88.8	128.3	0.0266	0.0171	0.0022	23.25	36.11	276.88	0.00	-0.33	-1.18	0.0
25629	572.0	297.3	-527.7	72.6	97.4	134.4	0.0266	0.0171	0.0022	22.73	35.30	270.67	0.00	-0.31	-1.16	0.0
25630	561.7	312.9	-512.4	56.4	113.5	156.7	0.0266	0.0171	0.0022	22.31	34.66	265.74	0.00	-0.27	-1.14	0.0
25631	558.4	300.5	-605.1	-63.8	-113.0	126.7	0.0266	0.0171	0.0022	22.17	34.44	264.07	0.00	-0.29	-1.22	0.0
25632	571.5	285.4	-657.4	-74.8	136.5	122.8	0.0266	0.0171	0.0022	22.51	34.96	268.06	0.00	-0.31	-1.29	0.0
25633	594.6	283.2	-619.1	-78.8	-111.8	151.4	0.0266	0.0171	0.0022	25.20	29.38	29.31	0.00	-0.24	-0.74	15.0
25634	605.1	269.0	-626.6	-84.9	-122.1	158.9	0.0266	0.0171	0.0022	25.89	29.79	29.76	0.00	-0.26	-0.76	15.0
25635	615.9	248.8	-626.0	-91.9	-139.4	170.9	0.0266	0.0171	0.0022	26.78	30.55	30.54	0.00	-0.29	-0.77	15.0
25636	631.4	220.9	-630.0	-101.7	-159.9	191.4	0.0266	0.0171	0.0022	28.01	31.88	31.88	0.00	-0.34	-0.80	15.0
25637	550.2	338.8	-608.8	-78.0	88.2	141.6	0.0266	0.0171	0.0022	21.70	33.70	258.40	0.00	-0.24	-1.22	0.0
25638	541.5	338.9	-603.9	70.6	87.6	143.4	0.0266	0.0171	0.0022	21.72	33.73	258.64	0.00	-0.25	-1.21	0.0
25639	534.0	337.5	-600.5	67.7	-88.4	145.9	0.0266	0.0171	0.0022	20.93	32.50	249.20	0.00	-0.21	-1.19	0.0
25640	530.5	329.8	-601.3	62.6	-96.9	144.6	0.0266	0.0171	0.0022	20.72	32.18	246.71	0.00	-0.21	-1.18	0.0
25641	534.7	317.0	-586.3	-60.6	-98.3	149.4	0.0266	0.0171	0.0022	21.29	33.07	253.56	0.00	-0.25	-1.18	0.0
25642	542.7	298.8	-580.7	-63.7	-108.7	152.0	0.0266	0.0171	0.0022	21.67	33.66	258.09	0.00	-0.28	-1.19	0.0
25643	550.3	278.2	-589.9	69.2	-110.5	154.8	0.0266	0.0171	0.0022	21.49	33.37	255.89	0.00	-0.28	-1.20	0.0
25644	556.6	258.8	-591.0	81.7	-123.2	163.6	0.0266	0.0171	0.0022	21.93	34.06	261.11	0.00	-0.31	-1.22	0.0
25645	560.0	236.1	-597.2	96.4	-135.0	172.9	0.0266	0.0171	0.0022	22.29	34.62	265.47	0.00	-0.34	-1.24	0.0
25646	562.1	206.1	-605.2	114.7	-150.5	190.2	0.0266	0.0171	0.0022	22.68	35.23	270.08	0.00	-0.37	-1.28	0.0
25647	493.8	325.4	-541.5	-98.4	104.6	154.4	0.0266	0.0171	0.0022	20.30	31.53	241.78	0.00	-0.22	-1.12	0.0
25648	494.0	322.0	-537.6	91.6	102.4	155.5	0.0266	0.0171	0.0022	20.92	32.50	249.17	0.00	-0.26	-1.13	0.0
25649	494.6	316.7	-535.6	92.8	101.1	156.7	0.0266	0.0171	0.0022	20.93	32.51	249.25	0.00	-0.27	-1.13	0.0
25650	495.5	309.3	-535.1	92.0	-103.6	158.2	0.0266	0.0171	0.0022	20.09	31.21	239.30	0.00	-0.22	-1.11	0.0
25651	496.9	299.0	-539.6	91.1	-109.1	159.2	0.0266	0.0171	0.0022	20.09	31.20	239.25	0.00	-0.23	-1.12	0.0
25652	499.7	285.3	-544.4	91.9	-114.3	161.0	0.0266	0.0171	0.0022	20.16	31.32	240.11	0.00	-0.24	-1.13	0.0
25653	503.0	268.6	-549.1	95.8	-120.7	163.9	0.0266	0.0171	0.0022	20.33	31.57	242.06	0.00	-0.26	-1.14	0.0
25654	505.1	249.3	-557.1	102.9	-126.7	168.3	0.0266	0.0171	0.0022	20.50	31.85	244.17	0.00	-0.28	-1.16	0.0
25655	504.3	227.2	-566.4	111.9	-135.0	175.3	0.0266	0.0171	0.0022	20.62	32.03	245.59	0.00	-0.31	-1.17	0.0
25656	499.6	198.8	-578.5	121.3	-144.6	186.6	0.0266	0.0171	0.0022	20.60	31.99	245.27	0.00	-0.33	-1.19	0.0
25657	429.4	212.0	-670.3	133.0	-204.9	211.9	0.0288	0.0171	0.0022	17.42	29.30	224.63	0.00	-0.27	-1.26	0.0
25658	381.0	205.1	-654.0	111.6	-194.8	209.0	0.0288	0.0171	0.0022	15.40	25.89	198.51	0.00	-0.21	-1.19	0.0
25659	362.4	187.2	-640.2	107.7	-198.2	216.4	0.0266	0.0171	0.0022	15.90	24.69	189.34	0.00	-0.20	-1.16	0.0
25660	472.7	219.4	-676.2	101.5	-214.3	226.1	0.0288	0.0171	0.0022	18.23	30.66	235.09	0.00	-0.26	-1.30	0.0
25661	426.6	216.6	-661.6	86.2	-212.3	232.2	0.0288	0.0171	0.0022	16.49	27.73	212.58	0.00	-0.21	-1.24	0.0
25662	404.7	197.6	-649.8	89.5	-219.2	242.4	0.0288	0.0171	0.0022	15.85	26.65	204.34	0.00	-0.20	-1.22	0.0
25663	538.5	248.6	-680.0	81.7	-220.1	244.3	0.0288	0.0171	0.0022	20.21	33.99	260.63	0.00	-0.28	-1.36	0.0
25664	503.8	245.1	-666.2	73.2	-222.1	256.8	0.0288	0.0171	0.0022	19.00	31.95	244.95	0.00	-0.24	-1.32	0.0
25665	465.7	220.0	-655.5	71.3	-234.9	270.4	0.0288	0.0171	0.0022	17.85	30.02	230.14	0.00	-0.22	-1.29	0.0
25666	483.8	170.6	-593.5	124.6	-156.1	202.3	0.0266	0.0171	0.0022	20.07	31.17	238.99	0.00	-0.33	-1.21	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
25667	549.5	185.9	-616.2	124.9	-168.9	214.9	0.0266	0.0171	0.0022	22.45	34.86	267.31	0.00	-0.37	-1.30	0.0
25668	628.9	204.7	-635.3	120.3	-184.8	222.0	0.0266	0.0171	0.0022	26.16	30.01	0.00	0.00	-0.20	-0.81	14.7
25669	452.4	165.2	-610.5	121.2	-170.2	217.1	0.0266	0.0171	0.0022	18.96	29.45	225.82	0.00	-0.30	-1.20	0.0
25670	513.2	191.6	-628.8	122.9	-188.8	237.8	0.0266	0.0171	0.0022	21.25	33.01	253.07	0.00	-0.32	-1.30	0.0
25671	591.7	201.3	-642.0	121.7	-208.4	249.4	0.0266	0.0171	0.0022	25.25	25.24	0.00	0.00	-0.12	-0.84	12.3
25672	405.3	172.9	-627.0	117.0	-187.3	223.5	0.0266	0.0171	0.0022	17.39	27.02	207.14	0.00	-0.25	-1.19	0.0
25673	458.7	190.4	-640.5	112.2	-208.4	249.1	0.0266	0.0171	0.0022	19.29	29.96	229.70	0.00	-0.26	-1.27	0.0
25674	533.8	205.7	-650.5	114.0	-229.7	270.1	0.0266	0.0171	0.0022	22.14	34.39	263.64	0.00	-0.31	-1.37	0.0
25739	269.9	1.9	-562.5	7.2	74.4	34.0	0.0266	0.0067	0.0127	10.42	41.53	21.79	0.00	-0.27	-0.85	0.0
25740	250.6	-0.4	-530.8	20.2	81.3	36.6	0.0263	0.0068	0.0127	9.91	38.51	20.55	0.00	-0.26	-0.80	0.0
25741	236.0	7.0	-506.0	39.4	70.3	35.4	0.0259	0.0070	0.0127	9.65	35.69	19.67	0.00	-0.25	-0.76	0.0
25742	226.7	14.2	-500.3	56.0	-70.4	39.2	0.0252	0.0073	0.0127	9.72	33.43	19.30	0.00	-0.24	-0.76	0.0
25743	213.2	23.2	-501.6	69.9	-79.0	44.4	0.0244	0.0078	0.0127	9.90	31.08	18.99	0.00	-0.23	-0.76	0.0
25744	197.6	34.0	-505.0	81.6	-86.0	50.4	0.0233	0.0083	0.0127	10.12	28.54	18.60	0.00	-0.22	-0.76	0.0
25745	180.6	46.0	-510.0	90.7	-91.7	57.3	0.0222	0.0089	0.0127	10.41	25.99	18.15	0.00	-0.21	-0.76	0.0
25746	163.0	58.8	-516.2	97.4	-95.7	64.7	0.0208	0.0095	0.0127	10.79	23.56	17.69	0.00	-0.20	-0.76	0.0
25747	145.5	71.9	-523.1	101.8	-97.8	72.3	0.0194	0.0103	0.0127	11.29	21.37	17.24	0.00	-0.19	-0.77	0.0
25748	129.0	85.3	-530.4	104.5	-97.9	79.7	0.0179	0.0110	0.0127	12.00	19.53	16.91	0.00	-0.19	-0.77	0.0
25749	113.6	99.4	-537.7	106.3	-96.1	86.6	0.0164	0.0118	0.0127	13.02	18.11	16.77	0.00	-0.18	-0.78	0.0
25750	98.6	115.1	-544.9	107.0	-93.7	93.7	0.0148	0.0125	0.0127	14.44	17.08	16.86	0.00	-0.18	-0.79	0.0
25751	83.7	132.2	-552.5	105.9	-91.8	102.3	0.0133	0.0133	0.0127	16.32	16.35	17.10	0.00	-0.19	-0.80	0.0
25752	69.2	149.4	-560.1	102.4	-90.5	113.2	0.0119	0.0140	0.0127	18.69	15.82	17.46	0.00	-0.19	-0.82	0.0
25753	54.6	164.0	-563.4	95.8	-88.1	123.0	0.0127	0.0147	0.0127	17.71	15.31	17.71	0.00	-0.20	-0.82	0.0
25754	41.4	176.8	-557.1	86.1	-82.8	-128.9	0.0115	0.0153	0.0127	21.57	16.15	19.47	0.00	-0.25	-0.83	0.0
25819	284.1	-20.3	-681.0	-26.8	146.0	61.6	0.0266	0.0067	0.0127	11.54	45.99	24.13	0.00	-0.32	-1.02	0.0
25820	246.8	9.2	-578.2	20.0	132.6	28.4	0.0263	0.0068	0.0127	10.24	39.79	21.23	0.00	-0.26	-0.87	0.0
25821	250.4	14.5	-546.4	42.4	99.6	30.1	0.0259	0.0070	0.0127	10.46	38.66	21.31	0.00	-0.26	-0.83	0.0
25822	237.1	20.0	-549.0	57.7	94.9	37.9	0.0252	0.0073	0.0127	10.46	36.00	20.78	0.00	-0.26	-0.83	0.0
25823	221.3	28.2	-550.1	71.5	91.5	44.5	0.0244	0.0078	0.0127	10.56	33.17	20.27	0.00	-0.25	-0.82	0.0
25824	204.2	37.9	-554.2	82.9	-94.1	51.9	0.0233	0.0083	0.0127	10.46	29.49	19.22	0.00	-0.23	-0.82	0.0
25825	186.4	49.0	-559.7	92.1	-96.4	59.6	0.0222	0.0089	0.0127	10.71	26.73	18.67	0.00	-0.22	-0.82	0.0
25826	168.6	61.2	-566.7	99.4	-97.5	67.5	0.0208	0.0095	0.0127	11.10	24.22	18.19	0.00	-0.21	-0.82	0.0
25827	151.3	74.1	-574.8	104.9	-97.4	75.4	0.0194	0.0103	0.0127	11.66	22.07	17.81	0.00	-0.20	-0.83	0.0
25828	135.0	87.5	-583.9	109.2	-95.6	83.0	0.0179	0.0110	0.0127	12.49	20.33	17.60	0.00	-0.20	-0.83	0.0
25829	119.2	102.2	-593.8	112.6	-92.6	90.2	0.0164	0.0118	0.0127	13.66	19.00	17.60	0.00	-0.20	-0.84	0.0
25830	103.2	119.4	-604.5	114.5	-89.2	97.6	0.0148	0.0125	0.0127	15.25	18.04	17.80	0.00	-0.20	-0.86	0.0
25831	87.3	139.2	-616.2	113.9	-86.4	106.7	0.0133	0.0133	0.0127	17.36	17.39	18.19	0.00	-0.21	-0.88	0.0
25832	72.7	161.3	-629.4	111.2	-85.0	119.8	0.0119	0.0140	0.0127	20.22	17.12	18.89	0.00	-0.21	-0.90	0.0
25833	61.4	185.3	-643.1	109.5	-84.5	-141.2	0.0127	0.0147	0.0127	21.91	18.94	21.91	0.00	-0.28	-0.95	0.0
25834	47.7	204.2	-641.4	102.1	-82.2	-156.2	0.0115	0.0153	0.0127	25.11	18.80	22.67	0.00	-0.29	-0.96	0.0
25835	445.7	296.3	-512.8	-95.5	134.6	157.6	0.0266	0.0171	0.0022	18.62	28.92	221.77	0.00	-0.20	-1.06	0.0
25836	449.2	290.6	-509.1	99.1	131.7	160.5	0.0266	0.0171	0.0022	19.99	31.05	238.05	0.00	-0.28	-1.08	0.0
25837	452.4	283.1	-507.6	102.2	130.0	163.0	0.0266	0.0171	0.0022	20.11	31.23	239.43	0.00	-0.29	-1.09	0.0
25838	453.4	275.4	-508.3	102.9	128.5	164.4	0.0266	0.0171	0.0022	20.09	31.20	239.20	0.00	-0.30	-1.09	0.0
25839	453.3	266.5	-510.4	104.0	127.5	165.9	0.0266	0.0171	0.0022	20.04	31.13	238.65	0.00	-0.30	-1.09	0.0
25840	452.9	255.5	-515.3	106.3	-128.1	167.6	0.0266	0.0171	0.0022	18.87	29.31	224.76	0.00	-0.24	-1.07	0.0
25841	452.1	241.7	-522.9	110.1	-131.3	169.9	0.0266	0.0171	0.0022	18.89	29.33	224.90	0.00	-0.25	-1.08	0.0
25842	450.2	225.1	-532.4	115.4	-134.8	173.0	0.0266	0.0171	0.0022	18.88	29.33	224.89	0.00	-0.27	-1.10	0.0
25843	446.0	205.6	-544.3	121.2	-138.6	177.5	0.0266	0.0171	0.0022	18.81	29.22	224.01	0.00	-0.28	-1.11	0.0
25844	437.9	182.6	-558.7	125.3	-143.3	184.0	0.0266	0.0171	0.0022	18.55	28.81	220.89	0.00	-0.30	-1.12	0.0
25845	422.6	160.5	-575.5	125.1	-149.3	191.8	0.0266	0.0171	0.0022	17.96	27.89	213.84	0.00	-0.30	-1.13	0.0
25846	396.2	151.5	-594.1	122.6	-157.8	198.2	0.0266	0.0171	0.0022	17.01	26.43	202.62	0.00	-0.28	-1.13	0.0
25847	359.6	161.8	-612.4	123.6	-169.4	198.9	0.0266	0.0171	0.0022	15.95	24.77	189.93	0.00	-0.24	-1.12	0.0
25848	335.4	185.8	-628.4	125.3	-177.4	193.7	0.0266	0.0171	0.0022	15.44	23.98	183.83	0.00	-0.22	-1.12	0.0
25849	349.4	203.6	-645.3	133.9	-177.4	193.0	0.0288	0.0171	0.0022	15.01	25.24	193.52	0.00	-0.23	-1.16	0.0
25850	392.2	219.5	-664.5	157.6	-196.2	206.3	0.0288	0.0171	0.0022	17.01	28.60	219.27	0.00	-0.28	-1.24	0.0
25851	409.5	241.6	-497.2	72.3	147.1	152.3	0.0266	0.0171	0.0022	17.86	27.74	212.68	0.00	-0.25	-1.02	0.0
25852	412.9	233.5	-493.9	84.5	144.7	159.0	0.0266	0.0171	0.0022	18.26	28.36	217.46	0.00	-0.28	-1.03	0.0
25853	414.1	225.2	-492.1	88.4	142.9	162.2	0.0266	0.0171	0.0022	18.35	28.50	218.49	0.00	-0.29	-1.03	0.0
25854	410.8	219.1	-492.8	91.5	141.2	163.4	0.0266	0.0171	0.0022	18.28	28.39	217.70	0.00	-0.29	-1.03	0.0
25855	406.1	213.3	-496.0	96.6	139.6	164.8	0.0266	0.0171	0.0022	18.23	28.31	217.09	0.00	-0.30	-1.03	0.0
25856	401.8	206.3	-501.5	102.9	138.1	166.1	0.0266	0.0171	0.0022	18.22	28.29	216.94	0.00	-0.31	-1.04	0.0
25857	397.7	197.5	-509.3	109.9	136.7	167.7	0.0266	0.0171	0.0022	18.22	28.30	217.00	0.00	-0.32	-1.04	0.0
25858	393.2	187.0	-519.4	117.0	135.7	169.8	0.0266	0.0171	0.0022	18.21	28.29	216.87	0.00	-0.34	-1.05	0.0
25859	387.5	174.9	-531.8	123.1	-137.1	172.5	0.0266	0.0171	0.0022	16.81	26.11	200.17	0.00	-0.27	-1.05	0.0
25860	379.0	162.1	-546.4	126.4	-139.4	175.9	0.0266	0.0171	0.0022	16.56	25.72	197.17	0.00	-0.27	-1.06	0.0
25861	365.4	152.6	-563.1	126.6	-142.5	179.1	0.0266	0.0171	0.0022	16.08	24.97	191.47	0.00	-0.27	-1.06	0.0
25862	344.3	153.1	-581.1	126.8	-147.4	180.4	0.0266	0.0171	0.0022	15.44	23.98	183.83	0.00	-0.25	-1.06	0.0
25863	319.4	167.3	-599.4	131.0	-153.6	178.5	0.0266	0.0171	0.0022	14.93	23.19	177.80	0.00	-0.24	-1.07	0.0
25864	306.0	187.9	-617.7	137.8	-158.3	176.5	0.0266	0.0171	0.0022	14.97	23.25	178.30	0.00	-0.23	-1.09	0.0
25865	317.2	205.4	-638.0	147.8	-160.4	181.2	0.0288	0.0171	0.0022	14.59	24.53	188.10	0.00	-0.25	-1.13	0.0
25866	351.8	231.5	-660.5	170.4	-185.6	201.6	0.0288	0.0171	0.0022	16.45	27.66	212.04	0.00	-0.28	-1.22	0.0
25867	374.3	199.0	-486.8	65.8	144.8	134.6	0.0266	0.0171	0.0022	16.26	25.25	193.60	0.00	-0.25	-0.96	0.0
25868	382.4	186.9	-481.7	78.5	144.0	148.8	0.0266	0.0171	0.0022	16.84	26.16	200.59	0.00	-0.28	-0.98	0.0
25869	382.1	178.6	-478.7	79.2	141.8	150.1	0.0266	0.0171	0.0022	16.79	26.08	199.94	0.00	-0.28	-0.97	0.0
25870	374.0	175.2	-479.5	83.3	140.8	151.4	0.0266	0.0171	0.0022	16.63	25.82	197.98	0.00	-0.29	-0.97	0.0
25871	366.1	172.9	-482.9	90.6	139.6	152.7	0.0266	0.0171	0.0022	16.56	25.72	197.17	0.00	-0.29	-0.97	0.0
25872	358.9	169.9	-488.7	98.8	138.1	153.7	0.0266	0.0171	0.0022	16.54	25.69	196.96	0.00	-0.30	-0.98	0.0
25873	352.2	166.1	-496.9	107.3	136.7	155.0	0.0266	0.0171	0.0022	16.54	25.69	197.01	0.00	-0.31	-0.99	0.0
25874	345.6	161.4	-507.5	115.1	135.5	156.6	0.0266	0.0171	0.0022	16.53	25.68	196.90	0.00	-0.32	-1.00	0.0
25875	338.3	156.3	-520.3	121.4	134.6	158.5	0.0266	0.0171	0.0022	16.46	25.57	196.07	0.00	-0.33	-1.01	0.0
25876	329.2	152.1	-535.4	125.3	134.2	160.5	0.0266	0.0171	0.0022	16.29	25.30	193.95	0.00	-0.34	-1.02	0.0
25877	316.4	151.8	-552.3	127.3	134.9	162.1	0.0266	0.0171	0.0022	16.00	24.85	190.51	0.00	-0.34	-1.03	0.0
25878	298.6	159.1	-570.7	130.1	137.1	162.3	0.0266	0.0171	0.0022	15.71	24.40	187.08	0.00	-0.33	-1.04	0.0
25879	280.0	174.1	-589.9	135.4	140.1	161.6	0.0266	0.0171	0.0022	15.61	24.25	185.93	0.00	-0.33	-1.05	0.0
25880	270.5	191.4	-610.3	142.6	142.5	162.5	0.0266	0.0171	0.0022	15.89	24.67	189.18	0.00	-0.34	-1.08	0.0
25881	280.4	209.4	-633.3	153.1	144.1	170.0	0.0288	0.0171	0.0022	15.50	26.07	199.88	0.00	-0.36	-1.13	0.0
25882	313.5	242.5	-658.7	176.9	181.3	193.8	0.0288	0.0171	0.0022	17.96	30.21	231.62	0.00	-0.42	-1.24	0.0
25883	340.0	155.8	-492.7	66.6	154.4	113.9	0.0266	0.0171	0.0022	15.01	23.31	178.73	0.00	-0.26	-0.93	0.0
25884	358.4	143.2	-483.2	71.7	145.7	129.9	0.0266	0.0171	0.0022	15.63	24.28	186.19	0.00	-0.29	-0.94	0.0
25885	351.3	136.6	-471.3	68.2	141.0	123.8	0.0266	0.0171	0.0022	15.22	23.64	181.28	0.00	-0.28	-0.92	0.0
25886	338.8	137.0	-474.7	74.0	141.3	128.5	0.0266	0.0171	0.0022	14.99	23.27	178.45	0.00	-0.28	-0.92	0.0
25887	328.7	138.4	-477.7	81.8	139.5	129.3	0.0266	0.0171	0.0022	14.85	23.07	176.86	0.00	-0.28	-0.92	0.0
25888	319.0	139.5	-484.0	90.3	137.7	131.3	0.0266	0.0171	0.0022	14.78	22.96	176.00	0.00	-0.28	-0.92	0.0
25889	309.8	140.6	-492.6	99.0	135.9	133.3	0.0266	0.0171	0.0022	14.75	22.90	175.60	0.00	-0.29	-0.93	0.0
25890	300.8	141.6	-503.6	107.2	134.1	135.5	0.0266	0.0171	0.0022	14.72	22.87	175.31	0.00	-0.30	-0.94	0.0
25891	291.7	143.0	-517.0	113.9	132.3	138.0	0.0266	0.0171	0.0022	14.67	22.79	174.74	0.00	-0.30	-0.95	0.0
25892	281.6	146.0	-532.6	119.0	130.8	140.3	0.0266	0.0171	0.0022	14.58	22.64	173.62	0.00	-0.31	-0.96	0.0
25893	269.1	152.5	-550.0	123.3	130.0	142.3	0.0266	0.0171	0.0022	14.45	22.45	172.13	0.00	-0.31	-0.98	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
25894	253.4	163.8	-569.0	128.2	130.1	143.6	0.0266	0.0171	0.0022	14.37	22.32	171.12	0.00	-0.31	-0.99	0.0
25895	237.4	178.4	-589.4	134.1	130.6	145.2	0.0266	0.0171	0.0022	14.42	22.39	171.69	0.00	-0.31	-1.01	0.0
25896	227.4	193.7	-611.4	141.1	130.7	148.8	0.0266	0.0171	0.0022	14.71	22.84	175.13	0.00	-0.32	-1.04	0.0
25897	233.7	213.5	-637.1	152.5	130.2	159.2	0.0288	0.0171	0.0022	14.44	24.29	186.20	0.00	-0.34	-1.09	0.0
25898	270.8	254.3	-665.4	180.4	170.3	187.0	0.0288	0.0171	0.0022	17.29	29.07	222.87	0.00	-0.42	-1.22	0.0
25899	303.0	68.4	-783.5	63.3	299.3	182.8	0.0266	0.0171	0.0022	15.60	24.23	185.74	0.00	-0.35	-1.30	0.0
25900	332.1	93.9	-485.2	55.3	162.8	-89.4	0.0266	0.0171	0.0022	13.86	21.52	165.01	0.00	-0.26	-0.90	0.0
25901	313.5	84.3	-519.4	59.0	165.7	80.7	0.0266	0.0171	0.0022	13.71	21.29	163.24	0.00	-0.29	-0.92	0.0
25902	301.6	91.1	-513.3	63.9	161.5	79.4	0.0266	0.0171	0.0022	13.37	20.77	159.21	0.00	-0.28	-0.91	0.0
25903	289.2	95.6	-518.0	68.9	157.7	86.5	0.0266	0.0171	0.0022	13.06	20.28	155.52	0.00	-0.27	-0.90	0.0
25904	276.9	101.5	-523.6	74.9	153.7	92.9	0.0266	0.0171	0.0022	12.80	19.89	152.48	0.00	-0.27	-0.90	0.0
25905	264.6	107.9	-531.7	82.3	149.1	99.9	0.0266	0.0171	0.0022	12.62	19.61	150.34	0.00	-0.26	-0.91	0.0
25906	252.3	114.9	-542.0	90.8	144.0	107.0	0.0266	0.0171	0.0022	12.52	19.45	149.14	0.00	-0.26	-0.91	0.0
25907	240.1	122.8	-554.4	99.1	138.4	114.1	0.0266	0.0171	0.0022	12.48	19.38	148.60	0.00	-0.26	-0.92	0.0
25908	227.7	132.4	-568.6	106.9	132.4	120.9	0.0266	0.0171	0.0022	12.48	19.38	148.59	0.00	-0.27	-0.94	0.0
25909	214.3	144.2	-584.6	114.4	126.3	127.2	0.0266	0.0171	0.0022	12.53	19.46	149.17	0.00	-0.27	-0.95	0.0
25910	199.2	157.6	-602.2	121.7	120.3	133.3	0.0266	0.0171	0.0022	12.62	19.60	150.28	0.00	-0.28	-0.97	0.0
25911	183.2	170.6	-621.5	128.6	114.6	140.0	0.0266	0.0171	0.0022	12.75	19.81	151.88	0.00	-0.29	-1.00	0.0
25912	169.5	183.2	-642.7	135.7	108.7	148.9	0.0266	0.0171	0.0022	13.01	20.20	154.92	0.00	-0.30	-1.02	0.0
25913	161.5	204.6	-668.6	145.6	99.2	-164.7	0.0288	0.0171	0.0022	11.61	19.52	149.63	0.00	-0.25	-1.05	0.0
25914	192.3	269.7	-700.8	183.7	120.6	-213.0	0.0288	0.0171	0.0022	14.82	24.91	191.03	0.00	-0.32	-1.20	0.0
25923	2354.2	1007.5	1345.5	132.1	1738.7	399.3	0.0194	0.0283	0.0244	190.97	130.81	151.60	0.00	-2.68	-3.72	0.0
25924	2353.4	1010.6	1308.2	151.1	1743.6	450.7	0.0195	0.0283	0.0244	189.90	131.22	151.73	0.00	-2.68	-3.77	0.0
25933	-5.6	409.4	-447.9	71.7	-59.1	321.6	0.0194	0.0170	0.0244	26.87	30.65	21.33	0.00	-0.52	-1.09	0.0
25934	-5.0	425.2	-460.5	100.1	-64.6	342.0	0.0195	0.0169	0.0244	28.26	32.56	22.58	0.00	-0.55	-1.14	0.0
25935	416.1	444.1	-980.9	208.7	591.8	-229.4	0.0401	0.0171	0.0140	17.40	40.76	50.00	0.00	-0.27	-1.95	0.0
25936	430.3	440.1	-986.5	194.6	588.5	-228.5	0.0401	0.0171	0.0140	17.32	40.57	49.77	0.00	-0.26	-1.94	0.0
25937	146.2	424.9	-962.7	197.4	606.3	251.7	0.0401	0.0171	0.0140	17.64	41.30	50.66	0.00	-0.56	-1.95	0.0
25938	153.7	421.7	-968.9	176.5	603.4	250.3	0.0401	0.0171	0.0140	17.14	40.14	49.25	0.00	-0.52	-1.93	0.0
25939	145.4	404.3	-916.0	188.3	526.7	268.3	0.0401	0.0171	0.0140	16.70	39.10	47.97	0.00	-0.55	-1.82	0.0
25940	141.6	400.0	-923.0	162.2	525.5	268.9	0.0401	0.0171	0.0140	16.02	37.51	46.02	0.00	-0.50	-1.80	0.0
25941	194.8	382.1	-902.4	173.5	318.0	288.0	0.0401	0.0171	0.0140	14.96	35.03	42.97	0.00	-0.50	-1.63	0.0
25942	194.4	373.1	-909.9	142.0	320.6	291.6	0.0401	0.0171	0.0140	14.18	33.21	40.74	0.00	-0.44	-1.61	0.0
25943	156.5	383.0	-902.3	152.6	-145.7	351.4	0.0401	0.0171	0.0140	12.72	29.80	36.55	0.00	-0.36	-1.53	0.0
25944	159.9	362.8	-910.8	142.2	-147.2	349.2	0.0401	0.0171	0.0140	12.11	28.36	34.80	0.00	-0.33	-1.51	0.0
26009	1294.6	593.3	-896.5	68.5	195.5	178.6	0.0288	0.0171	0.0045	47.40	51.97	51.94	0.00	-0.30	-1.19	15.0
26010	1288.7	591.0	-902.0	34.9	196.5	-177.5	0.0288	0.0171	0.0045	45.96	43.27	45.95	0.00	-0.12	-1.17	5.9
26011	1331.9	593.7	-903.4	80.8	201.6	178.7	0.0288	0.0171	0.0045	48.96	53.52	53.51	0.00	-0.33	-1.21	15.0
26012	1321.9	594.6	-908.6	50.8	202.7	-178.1	0.0288	0.0171	0.0045	47.42	47.41	10.58	0.00	-0.18	-1.04	9.0
26013	1350.2	588.1	-911.7	102.3	212.0	177.5	0.0288	0.0171	0.0045	50.12	55.33	55.31	0.00	-0.38	-1.23	15.0
26014	1334.2	594.3	-920.0	75.8	213.6	178.1	0.0288	0.0171	0.0045	49.10	53.30	53.29	0.00	-0.33	-1.23	15.0
26015	1330.3	568.0	-938.0	136.8	235.3	193.0	0.0288	0.0171	0.0045	50.55	57.47	57.47	0.00	-0.46	-1.28	15.0
26016	1309.5	586.7	-927.3	113.6	230.5	-181.1	0.0288	0.0171	0.0045	48.25	48.25	0.23	0.00	-0.21	-1.04	13.5
26017	1208.4	516.9	-961.1	173.3	314.9	-201.5	0.0288	0.0171	0.0045	46.72	52.25	0.00	0.00	-0.33	-1.15	15.0
26018	1186.0	544.1	-1053.5	160.0	333.3	238.2	0.0288	0.0171	0.0045	48.23	58.24	58.23	0.00	-0.53	-1.44	15.0
26019	704.0	221.4	-2061.5	165.1	998.4	909.6	0.0288	0.0171	0.0045	57.13	67.30	67.29	0.00	-1.10	-3.13	15.0
26020	897.4	450.7	-1140.6	169.1	494.4	386.1	0.0288	0.0171	0.0045	38.67	65.02	249.26	0.00	-0.70	-2.43	0.0
26021	-27.4	-351.3	-4775.1	133.2	1023.6	653.5	0.0288	0.0171	0.0057	10.49	17.64	53.41	0.00	-0.69	-5.37	0.0
26022	170.2	-123.7	-3848.3	130.1	1530.9	567.3	0.0288	0.0171	0.0057	27.55	46.33	140.26	0.00	-0.97	-5.22	0.0
26023	390.2	-137.9	-3604.0	100.7	-1662.7	-337.4	0.0288	0.0171	0.0057	35.75	60.12	182.00	0.00	-1.19	-5.26	0.0
26024	371.2	-121.0	-3702.8	92.2	-1674.0	574.9	0.0288	0.0171	0.0057	34.09	57.32	173.51	0.00	-1.04	-5.36	0.0
26025	1326.9	407.5	-934.3	104.1	-301.8	218.7	0.0288	0.0171	0.0140	47.65	80.12	98.29	0.00	-0.93	-2.38	0.0
26026	1303.9	415.2	-933.6	82.7	-305.3	-198.2	0.0288	0.0171	0.0140	47.13	79.25	97.22	0.00	-0.93	-2.36	0.0
26027	1581.1	451.9	-1001.7	113.3	197.0	-182.1	0.0288	0.0171	0.0140	55.71	93.68	114.93	0.00	-1.14	-2.65	0.0
26028	1560.9	452.4	-1008.2	92.0	197.4	185.3	0.0288	0.0171	0.0140	55.06	92.59	113.58	0.00	-1.12	-2.63	0.0
26029	1649.9	480.6	-958.7	127.2	251.6	-180.0	0.0288	0.0171	0.0140	58.47	98.32	120.61	0.00	-1.19	-2.69	0.0
26030	1631.4	478.7	-963.8	109.4	251.6	-184.0	0.0288	0.0171	0.0140	57.72	97.07	119.08	0.00	-1.17	-2.68	0.0
26031	1627.9	488.5	-965.2	142.0	287.9	-183.2	0.0288	0.0171	0.0140	58.05	97.62	119.75	0.00	-1.17	-2.69	0.0
26032	1611.8	485.5	-970.2	126.9	287.7	-185.3	0.0288	0.0171	0.0140	57.40	96.52	118.40	0.00	-1.15	-2.68	0.0
26033	1538.3	488.6	-969.9	155.8	328.1	-184.7	0.0288	0.0171	0.0140	55.42	93.19	114.32	0.00	-1.10	-2.64	0.0
26034	1526.1	485.2	-974.8	143.4	327.3	-187.2	0.0288	0.0171	0.0140	54.90	92.31	113.25	0.00	-1.08	-2.63	0.0
26035	1376.5	482.5	-976.4	168.2	378.2	-186.6	0.0288	0.0171	0.0140	50.53	84.97	104.24	0.00	-0.96	-2.52	0.0
26036	1370.0	479.3	-981.1	158.2	376.8	-188.9	0.0288	0.0171	0.0140	50.20	84.41	103.56	0.00	-0.95	-2.51	0.0
26037	1127.0	471.6	-982.1	180.6	443.4	-189.1	0.0288	0.0171	0.0140	43.14	72.54	88.98	0.00	-0.77	-2.35	0.0
26038	1127.9	469.0	-986.7	172.1	441.2	-191.1	0.0288	0.0171	0.0140	43.02	72.35	88.75	0.00	-0.76	-2.35	0.0
26039	770.4	459.1	-984.9	200.6	526.1	-204.4	0.0401	0.0171	0.0140	23.86	55.88	68.55	0.00	-0.50	-2.13	0.0
26040	779.6	455.9	-989.9	191.1	522.9	-205.2	0.0288	0.0171	0.0140	33.28	55.96	68.64	0.00	-0.50	-2.13	0.0
26105	1244.6	589.5	-890.6	62.8	190.7	178.7	0.0288	0.0171	0.0045	45.54	50.76	50.73	0.00	-0.28	-1.18	15.0
26106	1182.7	583.3	-885.3	61.9	185.8	178.3	0.0288	0.0171	0.0045	41.98	70.59	270.60	0.00	-0.62	-2.13	0.0
26107	1106.1	574.7	-882.1	63.7	-189.3	-178.3	0.0288	0.0171	0.0045	39.43	66.30	254.18	0.00	-0.55	-2.06	0.0
26108	1007.3	561.4	-877.2	65.5	-202.1	-179.6	0.0288	0.0171	0.0045	36.24	60.94	233.62	0.00	-0.48	-1.96	0.0
26109	860.7	525.8	-920.7	66.0	-236.7	-186.5	0.0288	0.0171	0.0045	31.71	53.32	204.40	0.00	-0.39	-1.89	0.0
26110	578.8	464.7	-855.4	63.5	-361.5	182.0	0.0288	0.0171	0.0057	23.16	38.94	117.87	0.00	-0.18	-1.63	0.0
26111	-282.1	-104.5	-3554.6	-57.0	-1645.3	-509.2	0.0288	0.0171	0.0057	15.39	25.88	78.33	0.00	-0.53	-4.74	0.0
26112	-325.0	-127.9	-3534.5	-86.2	1636.4	-354.5	0.0288	0.0171	0.0057	15.51	26.08	78.95	0.00	-0.64	-4.69	0.0
26113	456.4	375.4	-833.6	-109.6	335.8	-184.3	0.0288	0.0171	0.0022	26.74	33.81	33.72	0.00	-0.35	-1.08	15.0
26114	668.1	372.1	-905.4	-105.6	242.2	-206.8	0.0288	0.0171	0.0022	28.94	37.66	37.56	0.00	-0.34	-1.09	15.0
26115	731.0	373.6	-840.8	-90.5	200.8	-186.7	0.0288	0.0171	0.0022	29.45	37.61	37.58	0.00	-0.30	-1.01	15.0
26116	720.7	367.5	-830.5	-80.9	-202.5	-183.7	0.0288	0.0171	0.0022	27.27	28.74	0.00	0.00	-0.09	-0.93	15.0
26117	679.0	359.9	-821.5	86.5	-211.4	-184.8	0.0288	0.0171	0.0022	27.94	36.12	36.11	0.00	-0.30	-0.99	15.0
26118	625.8	351.6	-813.6	93.4	-217.6	-186.2	0.0288	0.0171	0.0022	25.42	43.17	43.17	0.00	-0.40	-1.01	7.9
26119	574.0	344.0	-804.4	100.2	-223.6	-188.5	0.0288	0.0171	0.0022	24.48	39.29	39.29	0.00	-0.36	-0.99	7.7
26120	538.3	341.2	-793.1	-123.6	-234.0	-204.0	0.0288	0.0171	0.0022	21.21	35.66	273.40	0.00	-0.26	-1.48	0.0
26121	1241.3	585.0	-896.0	25.3	191.4	-177.6	0.0288	0.0171	0.0045	44.04	35.52	100.72	0.00	0.00	-1.40	3.0
26122	1181.0	576.7	-890.8	32.2	186.1	-178.4	0.0288	0.0171	0.0045	41.59	69.94	268.13	0.00	-0.60	-2.13	0.0
26123	1104.5	565.7	-888.2	41.2	-191.0	-180.7	0.0288	0.0171	0.0045	39.19	65.90	252.65	0.00	-0.55	-2.06	0.0
26124	1004.1	550.1	-883.2	46.8	-203.8	-184.3	0.0288	0.0171	0.0045	35.94	60.44	231.69	0.00	-0.47	-1.96	0.0
26125	856.0	511.2	-929.4	44.3	-238.6	-183.9	0.0288	0.0171	0.0045	31.24	52.53	201.37	0.00	-0.38	-1.88	0.0
26126	577.3	441.2	-854.8	-45.9	-360.1	-211.8	0.0288	0.0171	0.0057	23.01	38.70	117.14	0.00	-0.19	-1.64	0.0
26127	-298.4	-154.2	-3608.8	-68.0	-1696.9	227.6	0.0288	0.0171	0.0057	15.79	26.55	80.37	0.00	-0.64	-4.79	0.0
26128	-350.6	-188.8	-3525.1	-96.0	1653.0	428.0	0.0288	0.0171	0.0057	12.71	21.37	64.70	0.00	-0.52	-4.64	0.0
26129	437.2	314.8	-809.1	-119.0	336.8	-252.2	0.0288	0.0171	0.0022	25.02	39.47	39.47	0.00	-0.45	-1.09	9.4
26130	663.1	314.8	-950.0	-116.8	277.8	-229.3	0.0288	0.0171	0.0022	29.70	37.16	37.14	0.00	-0.39	-1.16	15.0
26131	739.3	335.4	-843.2	-96.4	200.9	-184.8	0.0288	0.0171	0.0022	29.26	39.72	39.72	0.00	-0.36	-1.02	11.1
26132	725.4	337.8	-836.6	-85.9	-202.3	-186.2	0.0288	0.0171	0.0022	27.39	28.79	0.00	0.00	-0.12	-0.94	12.0
26133	680.9	335.8	-826.9	-85.9	-211.6	-186.6	0.0288	0.0171	0.0022	26.03	27.81	0.00	0.00	-0.10	-0.93	12.7
26134	626.0	331.8	-819.2	-93.5	-217.7	-188.1	0.0288	0.0171	0.0022	24.46	27.21	0.00	0.00	-0.10	-0.93	14.6
26135	573.0	327.6	-810.1	-106.8	-223.5	-190.2	0.0288	0.0171	0.0022	23.09	27.40	0.00	0.00	-0.11	-0.93	15.0
26136	536.4	325.7	-799.0	-131.6	-233.5	-205.0	0.0288	0.0171	0.0022	21.25	35.74	274.03	0.00	-0.28	-1.49	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
26137	3.6	192.4	-593.5	-24.2	-41.5	-158.3	0.0081	0.0170	0.0127	27.71	13.18	17.64	0.00	-0.22	-0.85	0.0
26138	5.2	194.5	-599.8	-29.9	-45.2	-156.9	0.0082	0.0169	0.0127	27.55	13.35	17.81	0.00	-0.22	-0.86	0.0
26147	17.8	221.4	-672.8	-29.1	-33.2	-184.5	0.0081	0.0170	0.0127	32.15	15.29	20.46	0.00	-0.24	-0.97	0.0
26148	18.2	219.3	-680.0	-26.7	-39.2	-181.5	0.0082	0.0169	0.0127	31.16	15.11	20.15	0.00	-0.24	-0.97	0.0
26157	219.7	347.0	-804.9	-119.0	183.1	-310.9	0.0288	0.0171	0.0022	17.94	30.17	231.35	0.00	-0.37	-1.42	0.0
26158	225.3	341.0	-812.8	-139.4	182.9	-305.8	0.0288	0.0171	0.0022	18.35	30.86	236.59	0.00	-0.40	-1.44	0.0
26159	310.0	320.1	-792.4	-105.6	269.0	-254.6	0.0288	0.0171	0.0022	18.22	30.64	234.92	0.00	-0.32	-1.42	0.0
26160	312.4	311.1	-799.0	-117.6	268.4	-253.3	0.0288	0.0171	0.0022	18.46	31.04	237.97	0.00	-0.34	-1.43	0.0
26161	363.7	323.5	-783.1	-107.2	273.3	-248.9	0.0288	0.0171	0.0022	19.26	32.38	248.29	0.00	-0.32	-1.44	0.0
26162	363.2	316.2	-789.7	-119.5	271.4	-248.2	0.0288	0.0171	0.0022	19.49	32.78	251.29	0.00	-0.34	-1.45	0.0
26163	420.0	329.2	-782.9	-114.5	258.8	-245.9	0.0288	0.0171	0.0022	20.44	34.38	263.56	0.00	-0.34	-1.47	0.0
26164	418.6	319.6	-789.5	-126.1	257.0	-245.5	0.0288	0.0171	0.0022	20.62	34.68	265.89	0.00	-0.36	-1.48	0.0
26165	491.6	337.8	-785.0	-130.7	-245.4	-231.1	0.0288	0.0171	0.0022	19.99	33.61	257.73	0.00	-0.22	-1.46	0.0
26166	489.6	323.6	-791.4	-140.5	-244.6	-231.1	0.0288	0.0171	0.0022	20.10	33.79	259.11	0.00	-0.25	-1.47	0.0
26171	2370.1	1146.3	874.8	272.2	1767.4	548.8	0.0212	0.0274	0.0244	172.78	133.16	149.55	0.00	-2.56	-4.02	0.0
26176	2321.2	1146.9	936.6	221.9	1721.0	558.1	0.0206	0.0277	0.0244	174.08	129.37	146.75	0.00	-2.46	-3.89	0.0
26181	2307.8	1110.7	1024.4	205.1	1699.0	560.2	0.0201	0.0280	0.0244	177.79	128.06	146.48	0.00	-2.47	-3.82	0.0
26186	2331.1	1046.9	1183.8	184.0	1721.5	519.9	0.0198	0.0281	0.0244	184.85	129.76	149.43	0.00	-2.60	-3.80	0.0
26191	14.0	593.7	-632.3	290.7	142.1	425.3	0.0212	0.0161	0.0244	40.16	52.65	34.76	0.00	-0.95	-1.62	0.0
26196	6.2	577.0	-600.9	231.8	131.3	442.7	0.0206	0.0164	0.0244	39.32	49.36	33.15	0.00	-0.89	-1.56	0.0
26201	2.6	526.7	-559.5	175.0	104.2	424.8	0.0201	0.0166	0.0244	36.16	43.74	29.79	0.00	-0.78	-1.44	0.0
26206	0.6	462.3	-503.2	128.9	-75.9	383.6	0.0198	0.0168	0.0244	30.96	36.34	25.03	0.00	-0.61	-1.27	0.0
26207	595.2	458.7	-979.3	469.0	494.2	-208.4	0.0288	0.0171	0.0140	35.85	60.29	73.96	0.00	-0.80	-2.22	0.0
26208	349.3	446.5	-966.9	452.3	518.9	223.2	0.0401	0.0171	0.0140	24.70	57.85	70.97	0.00	-1.00	-2.14	0.0
26209	135.3	433.9	-934.4	421.1	468.1	244.7	0.0401	0.0171	0.0140	21.40	50.12	61.49	0.00	-0.97	-1.97	0.0
26210	149.0	425.2	-932.2	363.5	293.3	273.6	0.0401	0.0171	0.0140	19.11	44.76	54.91	0.00	-0.86	-1.80	0.0
26211	121.0	465.9	-955.5	259.1	144.0	318.0	0.0401	0.0171	0.0140	16.93	39.64	48.62	0.00	-0.70	-1.71	0.0
26212	561.2	463.4	-984.3	380.8	497.3	-202.0	0.0401	0.0171	0.0140	23.22	54.38	66.72	0.00	-0.64	-2.12	0.0
26213	298.1	450.5	-969.5	366.5	514.8	214.2	0.0401	0.0171	0.0140	22.05	51.64	63.34	0.00	-0.83	-2.04	0.0
26214	113.8	433.6	-931.9	340.4	448.1	238.4	0.0401	0.0171	0.0140	19.18	44.92	55.11	0.00	-0.82	-1.87	0.0
26215	140.5	407.4	-926.6	286.6	257.5	271.7	0.0401	0.0171	0.0140	16.82	39.40	48.33	0.00	-0.71	-1.69	0.0
26216	108.5	430.3	-955.9	201.5	-115.9	314.3	0.0401	0.0171	0.0140	14.10	33.02	40.50	0.00	-0.50	-1.61	0.0
26217	517.9	457.2	-988.2	299.7	510.5	-203.9	0.0401	0.0171	0.0140	20.68	48.43	59.41	0.00	-0.48	-2.02	0.0
26218	243.5	441.0	-972.3	285.7	523.0	217.9	0.0401	0.0171	0.0140	19.59	45.87	56.28	0.00	-0.69	-1.96	0.0
26219	113.0	418.6	-931.5	261.4	448.4	242.3	0.0401	0.0171	0.0140	17.24	40.38	49.54	0.00	-0.67	-1.80	0.0
26220	149.7	385.5	-923.0	217.3	250.1	273.8	0.0401	0.0171	0.0140	15.00	35.14	43.11	0.00	-0.58	-1.62	0.0
26221	111.1	381.7	-946.5	167.1	-107.0	316.3	0.0401	0.0171	0.0140	12.57	29.44	36.12	0.00	-0.43	-1.54	0.0
26222	468.7	446.5	-989.6	223.7	544.0	-215.9	0.0401	0.0171	0.0140	18.29	42.82	52.53	0.00	-0.33	-1.95	0.0
26223	188.1	429.3	-972.7	207.0	556.3	234.4	0.0401	0.0171	0.0140	17.59	41.19	50.53	0.00	-0.56	-1.91	0.0
26224	128.1	406.9	-928.7	187.3	479.2	256.3	0.0401	0.0171	0.0140	15.98	37.42	45.91	0.00	-0.54	-1.77	0.0
26225	174.0	381.0	-917.0	159.2	276.0	283.9	0.0401	0.0171	0.0140	14.13	33.09	40.60	0.00	-0.47	-1.59	0.0
26226	129.4	365.1	-927.5	144.3	-118.0	331.1	0.0401	0.0171	0.0140	12.03	28.17	34.55	0.00	-0.37	-1.51	0.0
26355	1278.0	588.2	-906.9	35.9	168.9	-172.0	0.0288	0.0171	0.0045	45.42	45.41	9.51	0.00	-0.15	-1.02	7.8
26356	1262.0	573.8	-909.0	56.9	152.2	-168.0	0.0288	0.0171	0.0045	44.81	44.30	33.51	0.00	-0.16	-1.11	8.8
26357	1241.6	555.7	-909.5	73.6	155.1	-172.6	0.0288	0.0171	0.0045	44.17	61.70	0.00	0.00	-0.44	-1.00	14.7
26358	1213.5	532.8	-909.3	93.8	177.3	-184.3	0.0288	0.0171	0.0045	42.95	72.22	276.87	0.00	-0.69	-2.19	0.0
26359	1305.1	594.3	-914.2	51.6	176.0	-172.9	0.0288	0.0171	0.0045	46.55	46.52	1.55	0.00	-0.16	-1.00	8.9
26360	1282.2	581.0	-916.9	71.1	161.1	-170.5	0.0288	0.0171	0.0045	45.62	63.15	0.00	0.00	-0.44	-1.01	14.5
26361	1257.3	559.2	-917.4	88.4	165.0	-174.9	0.0288	0.0171	0.0045	45.12	49.81	0.00	0.00	-0.26	-1.00	10.5
26362	1226.3	528.7	-920.4	114.5	189.5	-189.2	0.0288	0.0171	0.0045	44.88	45.36	0.00	0.00	-0.22	-1.02	14.4
26363	1308.5	599.1	-924.1	75.7	186.4	-174.4	0.0288	0.0171	0.0045	47.06	47.06	0.00	0.00	-0.17	-1.01	10.4
26364	1274.4	587.3	-929.5	91.5	174.4	-175.9	0.0288	0.0171	0.0045	45.83	51.76	0.00	0.00	-0.26	-1.01	10.7
26365	1240.1	555.3	-936.7	105.3	188.2	-188.5	0.0288	0.0171	0.0045	44.94	50.59	0.00	0.00	-0.27	-1.03	11.3
26366	1206.2	507.5	-931.7	135.3	211.2	-192.7	0.0288	0.0171	0.0045	43.24	72.72	278.78	0.00	-0.73	-2.23	0.0
26367	1271.2	600.7	-942.9	113.2	210.4	-175.3	0.0288	0.0171	0.0045	46.64	49.67	0.00	0.00	-0.23	-1.04	13.2
26368	1221.8	593.9	-947.6	124.1	197.3	-182.2	0.0288	0.0171	0.0045	44.75	53.38	0.00	0.00	-0.29	-1.05	12.1
26369	1165.2	543.4	-976.5	132.6	222.4	-219.9	0.0288	0.0171	0.0045	41.90	70.45	270.09	0.00	-0.65	-2.24	0.0
26370	1090.4	442.1	-1072.0	164.5	332.1	-286.8	0.0288	0.0171	0.0045	40.33	67.81	259.96	0.00	-0.68	-2.34	0.0
26371	1162.4	586.9	-1008.5	162.8	257.5	187.2	0.0288	0.0171	0.0045	43.21	72.66	278.56	0.00	-0.69	-2.30	0.0
26372	1097.1	581.7	-1044.3	176.4	261.3	-229.3	0.0288	0.0171	0.0045	40.54	68.17	261.34	0.00	-0.59	-2.28	0.0
26373	1001.2	508.8	-1055.9	194.6	303.3	-261.3	0.0288	0.0171	0.0045	37.82	63.60	243.82	0.00	-0.58	-2.24	0.0
26374	833.3	318.5	-1241.0	247.1	469.7	-502.0	0.0288	0.0171	0.0045	33.67	56.62	217.06	0.00	-0.52	-2.47	0.0
26375	930.6	540.6	-1057.5	200.0	383.0	221.4	0.0288	0.0171	0.0045	38.34	64.47	247.14	0.00	-0.65	-2.25	0.0
26376	900.6	550.0	-1015.8	250.0	310.4	-212.1	0.0288	0.0171	0.0045	36.36	61.14	234.40	0.00	-0.56	-2.15	0.0
26377	637.2	289.3	-1888.8	310.6	726.3	-775.9	0.0288	0.0171	0.0057	29.88	50.25	152.11	0.00	-0.34	-3.21	0.0
26378	227.3	-154.1	-3353.6	374.5	1272.0	-761.5	0.0288	0.0171	0.0057	22.82	38.37	116.14	0.00	-0.65	-4.60	0.0
26379	345.4	92.5	-3108.6	187.9	1282.8	328.8	0.0288	0.0171	0.0057	30.32	50.98	154.31	0.00	-0.87	-4.42	0.0
26380	426.1	167.8	-2736.1	288.8	1117.2	-295.9	0.0288	0.0171	0.0057	29.01	48.77	147.64	0.00	-0.68	-3.97	0.0
26381	224.2	-97.4	-3689.7	368.9	638.2	-778.5	0.0288	0.0171	0.0057	16.31	27.42	83.02	0.00	-0.53	-4.44	0.0
26382	116.8	-286.2	-4057.3	419.6	-886.2	502.1	0.0288	0.0171	0.0057	15.41	25.91	78.44	0.00	-0.79	-4.76	0.0
26383	488.1	45.0	-3080.9	141.7	-1280.8	508.0	0.0288	0.0171	0.0057	31.27	52.59	159.18	0.00	-0.78	-4.47	0.0
26384	558.4	116.4	-2789.1	243.1	-1111.9	261.8	0.0288	0.0171	0.0057	32.13	54.03	163.56	0.00	-0.81	-4.08	0.0
26385	574.1	63.8	-2820.3	317.2	-1168.8	296.5	0.0288	0.0171	0.0057	34.35	57.76	174.86	0.00	-0.93	-4.22	0.0
26386	763.9	183.5	-1891.5	349.9	-732.1	736.6	0.0288	0.0171	0.0057	34.46	57.94	175.40	0.00	-0.59	-3.33	0.0
26387	1260.9	430.8	-1015.7	107.2	-313.9	203.8	0.0288	0.0171	0.0140	45.50	76.52	93.87	0.00	-0.86	-2.40	0.0
26388	1230.1	446.0	-1019.7	180.1	-282.7	206.0	0.0288	0.0171	0.0140	44.91	75.52	92.64	0.00	-0.84	-2.38	0.0
26389	1217.0	446.9	-978.8	235.0	-241.8	210.1	0.0288	0.0171	0.0057	45.03	75.73	229.23	0.00	-0.87	-2.34	0.0
26390	1186.0	435.7	-1045.1	268.8	-256.9	202.6	0.0288	0.0171	0.0022	46.93	54.38	54.38	0.00	-0.51	-1.32	15.0
26391	1524.1	463.4	-1000.4	110.5	170.5	-173.8	0.0288	0.0171	0.0140	53.63	90.18	110.63	0.00	-1.07	-2.58	0.0
26392	1468.6	474.8	-1000.1	167.2	152.1	167.9	0.0288	0.0171	0.0140	52.37	88.07	108.04	0.00	-1.05	-2.53	0.0
26393	1407.7	484.5	-997.2	217.9	160.6	168.6	0.0288	0.0171	0.0140	51.10	85.93	105.41	0.00	-1.02	-2.50	0.0
26394	1336.9	494.8	-976.6	264.3	192.2	-183.0	0.0288	0.0171	0.0140	49.32	82.94	101.74	0.00	-0.97	-2.44	0.0
26395	1596.2	483.1	-969.4	130.6	221.9	-177.3	0.0288	0.0171	0.0140	56.48	94.98	116.52	0.00	-1.13	-2.64	0.0
26396	1539.3	491.3	-969.4	188.1	204.0	-174.9	0.0288	0.0171	0.0140	54.98	92.46	113.42	0.00	-1.10	-2.59	0.0
26397	1468.6	502.0	-966.6	241.2	206.7	-181.3	0.0288	0.0171	0.0140	53.32	89.66	109.99	0.00	-1.06	-2.55	0.0
26398	1383.8	514.5	-963.6	295.6	230.4	-198.9	0.0288	0.0171	0.0140	51.58	86.74	106.41	0.00	-1.02	-2.51	0.0
26399	1580.7	487.8	-973.1	152.5	257.7	-180.6	0.0288	0.0171	0.0140	56.33	94.72	116.20	0.00	-1.13	-2.65	0.0
26400	1528.4	494.0	-972.8	216.1	238.1	-178.4	0.0288	0.0171	0.0140	55.11	92.67	113.69	0.00	-1.10	-2.61	0.0
26401	1460.5	503.3	-969.7	275.0	238.6	-186.7	0.0288	0.0171	0.0140	53.72	90.34	110.83	0.00	-1.08	-2.57	0.0
26402	1377.1	517.3	-963.6	336.0	258.9	-205.9	0.0288	0.0171	0.0140	52.28	87.92	107.86	0.00	-1.05	-2.54	0.0
26403	1501.8	486.4	-978.0	173.2	296.2	-182.4	0.0288	0.0171	0.0140	54.10	90.97	111.60	0.00	-1.07	-2.60	0.0
26404	1459.2	491.0	-977.3	243.6	274.9	-180.1	0.0288	0.0171	0.0140	53.39	89.78	110.13	0.00	-1.07	-2.57	0.0
26405	1401.0	497.5	-973.8	309.8	272.7	-188.2	0.0288	0.0171	0.0140	52.57	88.40	108.45	0.00	-1.07	-2.55	0.0
26406	1327.5	508.6	-967.5	377.4	289.1	-207.8	0.0288	0.0171	0.0140	51.75	87.03	106.76	0.00	-1.07	-2.54	0.0
26407	1356.2	480.4	-984.1	191.1	344.4	-183.9	0.0288	0.0171	0.0140	49.79	83.73	102.72	0.00	-0.95	-2.50	0.0
26408	1329.1	484.8	-983.2	267.2	320.8	-180.9	0.0288	0.0171	0.0140	49.81	83.77	102.76	0.00	-0.98	-2.49	0.0
26409	1287.4	488.4	-979.3	340.9	315.1	-187.7	0.0288	0.0171	0.0140	49.85	83.83	102.83	0.00	-1.02	-2.49	0.0
26410	1231.0	492.9	-972.7	415.6	326.6	-205.2	0.0288	0.0171	0.0140	49.91	83.92	102.95	0.00	-1.06	-2.50	0.0
26411	1129.0	471.4	-989.6	206.0	406.9	-185.8	0.0288	0.0171	0.0140	43.13	72.53	88.98	0.00	-0.78	-2.34	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
26412	1124.8	477.3	-988.4	285.2	380.0	-182.0	0.0288	0.0171	0.0140	44.16	74.25	91.09	0.00	-0.84	-2.36	0.0
26413	1107.8	479.7	-984.4	365.3	370.1	-186.9	0.0288	0.0171	0.0140	45.34	76.25	93.53	0.00	-0.92	-2.39	0.0
26414	1076.2	477.9	-978.0	446.8	374.9	-200.7	0.0288	0.0171	0.0140	46.53	78.24	95.98	0.00	-1.01	-2.43	0.0
26415	803.3	460.4	-992.7	221.8	483.8	-197.4	0.0288	0.0171	0.0140	34.09	57.32	70.32	0.00	-0.54	-2.13	0.0
26416	829.9	469.1	-991.4	298.8	452.6	-190.7	0.0288	0.0171	0.0140	36.37	61.16	75.03	0.00	-0.65	-2.19	0.0
26417	845.7	472.9	-987.2	380.6	438.6	-192.4	0.0288	0.0171	0.0140	38.92	65.44	80.28	0.00	-0.78	-2.26	0.0
26418	847.8	468.5	-981.3	466.9	436.7	-202.2	0.0288	0.0171	0.0140	41.42	69.65	85.44	0.00	-0.91	-2.33	0.0
26547	525.7	322.0	-805.0	-136.7	-207.7	-197.4	0.0288	0.0171	0.0022	20.91	35.16	269.56	0.00	-0.29	-1.48	0.0
26548	515.8	321.0	-808.3	-133.6	-191.5	-191.5	0.0288	0.0171	0.0022	20.47	34.42	263.93	0.00	-0.28	-1.46	0.0
26549	510.0	326.8	-809.4	-133.5	-193.5	-195.3	0.0288	0.0171	0.0022	20.34	34.20	262.21	0.00	-0.27	-1.46	0.0
26550	502.6	335.8	-809.5	-134.3	-211.4	-207.8	0.0288	0.0171	0.0022	20.25	34.06	261.15	0.00	-0.25	-1.47	0.0
26551	570.0	322.4	-815.3	-112.3	-200.6	-184.7	0.0288	0.0171	0.0022	22.43	31.05	0.00	0.00	-0.17	-0.93	9.4
26552	565.6	323.3	-818.1	-110.0	-186.5	-181.4	0.0288	0.0171	0.0022	21.44	36.05	276.37	0.00	-0.29	-1.49	0.0
26553	560.4	333.8	-818.8	-109.3	-189.0	-187.5	0.0288	0.0171	0.0022	21.29	35.81	274.55	0.00	-0.27	-1.49	0.0
26554	550.5	350.3	-818.4	-109.3	-206.9	-203.0	0.0288	0.0171	0.0022	21.12	35.52	272.32	0.00	-0.25	-1.50	0.0
26555	625.7	325.0	-824.1	-97.4	-195.4	-182.7	0.0288	0.0171	0.0022	23.82	33.51	0.00	0.00	-0.20	-0.93	9.7
26556	624.3	328.2	-826.6	-92.8	-182.0	-179.8	0.0288	0.0171	0.0022	23.54	33.49	0.00	0.00	-0.20	-0.92	9.3
26557	619.8	344.6	-827.1	-89.9	-184.7	-187.0	0.0288	0.0171	0.0022	23.59	29.86	0.00	0.00	-0.13	-0.92	10.4
26558	609.8	370.8	-825.8	-89.1	-202.7	-205.2	0.0288	0.0171	0.0022	23.27	32.76	0.00	0.00	-0.14	-0.94	9.1
26559	683.3	326.8	-832.2	-88.3	-189.4	-181.4	0.0288	0.0171	0.0022	25.81	28.95	0.00	0.00	-0.13	-0.93	11.4
26560	684.5	331.1	-834.9	-80.3	-176.1	-178.7	0.0288	0.0171	0.0022	25.70	27.26	0.00	0.00	-0.11	-0.92	15.0
26561	681.2	352.0	-834.7	78.9	-178.7	-186.4	0.0288	0.0171	0.0022	26.01	45.33	45.33	0.00	-0.41	-1.02	8.5
26562	672.2	385.7	-832.8	94.5	-196.6	-205.5	0.0288	0.0171	0.0022	26.58	46.42	46.42	0.00	-0.41	-1.03	8.6
26563	731.8	323.9	-839.9	-86.1	-180.0	-180.4	0.0288	0.0171	0.0022	27.36	28.64	0.00	0.00	-0.13	-0.93	12.6
26564	736.8	325.2	-841.0	-72.9	-166.6	-177.4	0.0288	0.0171	0.0022	26.91	36.93	0.00	0.00	-0.26	-0.93	9.9
26565	734.3	346.7	-843.7	90.5	-168.5	-184.0	0.0288	0.0171	0.0022	28.89	35.78	35.78	0.00	-0.29	-0.99	15.0
26566	725.2	383.8	-842.5	117.5	-186.1	-200.9	0.0288	0.0171	0.0022	30.05	39.04	39.03	0.00	-0.34	-1.01	15.0
26567	750.6	308.2	-861.1	-94.8	173.8	-181.8	0.0288	0.0171	0.0022	29.47	34.64	34.63	0.00	-0.31	-1.01	15.0
26568	758.7	296.1	-876.7	-71.4	159.5	-175.4	0.0288	0.0171	0.0022	28.85	32.25	32.24	0.00	-0.27	-1.01	15.0
26569	754.5	317.9	-864.8	100.8	165.4	-178.7	0.0288	0.0171	0.0022	28.06	32.42	0.00	0.00	-0.21	-0.95	10.6
26570	744.2	360.1	-859.5	135.0	193.9	186.0	0.0288	0.0171	0.0022	30.74	40.36	40.36	0.00	-0.39	-1.03	12.8
26571	670.6	268.7	-889.5	-115.8	252.0	-185.6	0.0288	0.0171	0.0022	28.93	34.01	33.99	0.00	-0.37	-1.07	15.0
26572	676.1	239.9	-825.6	-83.2	234.8	-181.7	0.0288	0.0171	0.0022	27.72	32.55	32.55	0.00	-0.34	-1.00	14.1
26573	664.3	250.0	-935.7	91.2	280.1	199.8	0.0288	0.0171	0.0022	27.31	43.44	43.43	0.00	-0.49	-1.16	7.9
26574	681.7	302.4	-962.4	125.8	268.1	259.4	0.0288	0.0171	0.0022	30.46	38.36	38.36	0.00	-0.42	-1.18	15.0
26575	231.8	60.6	-1761.9	-123.1	827.4	-620.6	0.0288	0.0171	0.0022	31.36	46.05	46.05	0.00	-0.83	-2.44	7.5
26576	46.3	-176.6	-2725.3	-123.4	1293.6	309.3	0.0288	0.0171	0.0022	19.31	32.48	248.99	0.00	-0.70	-3.83	0.0
26577	254.4	0.4	-1851.6	-126.5	786.7	785.8	0.0288	0.0171	0.0022	19.61	32.97	252.79	0.00	-0.35	-2.94	0.0
26578	505.1	215.6	-945.6	-111.2	329.7	259.5	0.0288	0.0171	0.0022	20.33	34.18	262.08	0.00	-0.32	-1.66	0.0
26579	-435.9	-320.3	-3845.9	-126.2	829.7	-449.3	0.0288	0.0171	0.0057				-0.04	-0.48	-4.08	
26580	-548.9	-501.2	-4514.9	-182.7	167.5	-199.5	0.0288	0.0171	0.0057				-0.32	-0.71	-4.53	
26581	-332.5	-365.2	-3578.3	-235.3	699.2	720.6	0.0288	0.0171	0.0057				-0.11	-0.28	-3.88	
26582	-149.3	-284.5	-2963.2	-229.7	1445.0	200.9	0.0288	0.0284	0.0057	16.81	17.03	85.59	0.00	-0.77	-4.08	0.0
26583	-192.2	-75.4	-3002.4	-111.1	-1373.1	235.2	0.0288	0.0171	0.0057	15.27	25.67	77.72	0.00	-0.58	-4.01	0.0
26584	-134.0	-57.8	-2598.3	-184.4	-1157.1	-306.3	0.0288	0.0171	0.0057	11.59	19.49	59.00	0.00	-0.36	-3.43	0.0
26585	-357.0	-335.8	-3610.1	-251.6	-660.7	-818.8	0.0288	0.0171	0.0057				-0.08	-0.28	-3.94	
26586	-685.0	-758.6	-5224.4	-285.7	218.6	-570.2	0.0288	0.0171	0.0057				-0.37	-0.99	-5.30	
26587	551.9	417.8	-946.7	-75.8	-357.0	-189.6	0.0288	0.0171	0.0057	22.15	37.24	112.73	0.00	-0.20	-1.69	0.0
26588	498.1	364.7	-976.1	-106.4	-316.7	-234.1	0.0288	0.0171	0.0045	20.19	33.95	130.16	0.00	-0.19	-1.67	0.0
26589	234.8	78.8	-1916.0	-151.4	-804.5	-847.0	0.0288	0.0171	0.0057	19.78	33.26	100.67	0.00	-0.27	-3.04	0.0
26590	-93.5	-306.0	-3190.3	-220.5	-1487.3	-642.9	0.0288	0.0171	0.0057	17.60	29.59	89.58	0.00	-0.69	-4.42	0.0
26591	837.5	496.0	-928.4	38.0	-218.3	-191.3	0.0288	0.0171	0.0045	30.36	51.05	195.69	0.00	-0.37	-1.85	0.0
26592	790.9	440.5	-991.9	35.3	-261.8	-248.3	0.0288	0.0171	0.0045	29.23	49.15	188.42	0.00	-0.38	-1.91	0.0
26593	740.7	356.4	-1000.0	-54.6	-317.9	-249.9	0.0288	0.0171	0.0045	27.68	46.54	178.42	0.00	-0.40	-1.90	0.0
26594	675.7	247.0	-1017.1	-120.3	-390.5	-322.0	0.0288	0.0171	0.0045	26.61	44.75	171.57	0.00	-0.44	-1.95	0.0
26595	995.1	533.7	-896.7	48.8	-190.4	-185.1	0.0288	0.0171	0.0045	35.53	59.75	229.07	0.00	-0.48	-1.96	0.0
26596	983.4	495.3	-904.3	50.2	-187.2	-185.1	0.0288	0.0171	0.0045	35.10	59.03	226.29	0.00	-0.50	-1.96	0.0
26597	968.8	443.3	-924.1	47.0	-202.1	-199.1	0.0288	0.0171	0.0045	34.67	58.31	223.52	0.00	-0.54	-1.97	0.0
26598	939.4	377.8	-962.3	-68.6	-247.8	-229.1	0.0288	0.0171	0.0045	33.81	56.85	217.95	0.00	-0.56	-2.01	0.0
26599	1101.1	553.9	-893.8	43.9	-171.3	-175.9	0.0288	0.0171	0.0045	38.95	65.50	251.11	0.00	-0.55	-2.05	0.0
26600	1096.0	525.6	-898.6	47.4	-161.2	-173.9	0.0288	0.0171	0.0045	38.73	65.12	249.65	0.00	-0.58	-2.05	0.0
26601	1086.8	492.9	-901.8	49.8	-168.1	-181.4	0.0288	0.0171	0.0045	38.47	64.68	247.97	0.00	-0.60	-2.05	0.0
26602	1068.7	454.8	-906.6	-48.4	-191.9	-196.3	0.0288	0.0171	0.0045	37.79	63.55	243.63	0.00	-0.61	-2.04	0.0
26603	1177.0	568.7	-896.2	34.8	-160.2	-173.0	0.0288	0.0171	0.0045	41.42	69.65	267.03	0.00	-0.61	-2.12	0.0
26604	1170.3	547.4	-898.9	44.4	-147.9	-169.5	0.0288	0.0171	0.0045	41.17	69.23	265.41	0.00	-0.62	-2.11	0.0
26605	1158.9	524.3	-900.4	53.3	-151.0	-174.4	0.0288	0.0171	0.0045	40.85	68.70	263.35	0.00	-0.64	-2.11	0.0
26606	1139.3	497.6	-901.7	58.1	-169.0	-186.8	0.0288	0.0171	0.0045	40.32	67.81	259.94	0.00	-0.65	-2.10	0.0
26607	1234.6	579.9	-901.0	28.1	163.1	-171.9	0.0288	0.0171	0.0045	43.31	72.82	279.17	0.00	-0.65	-2.18	0.0
26608	1223.8	563.1	-903.2	47.6	145.6	-167.9	0.0288	0.0171	0.0045	42.90	72.14	276.56	0.00	-0.66	-2.17	0.0
26609	1208.0	544.5	-903.7	61.3	147.5	-172.2	0.0288	0.0171	0.0045	42.42	71.33	273.47	0.00	-0.66	-2.16	0.0
26610	1183.8	522.4	-904.0	74.3	168.2	-184.1	0.0288	0.0171	0.0045	41.75	70.21	269.15	0.00	-0.66	-2.14	0.0
26611	7.2	194.1	-611.4	-36.8	-51.1	-157.2	0.0084	0.0168	0.0127	26.89	13.49	17.87	0.00	-0.22	-0.87	0.0
26612	11.4	195.8	-628.2	-47.0	-57.9	-158.7	0.0088	0.0166	0.0127	26.20	13.89	18.19	0.00	-0.22	-0.90	0.0
26613	17.3	201.2	-643.3	-58.3	-64.2	-155.2	0.0093	0.0164	0.0127	25.69	14.55	18.78	0.00	-0.22	-0.92	0.0
26614	23.9	204.6	-657.7	-69.6	-69.9	-146.4	0.0098	0.0161	0.0127	24.81	15.13	19.21	0.00	-0.23	-0.94	0.0
26631	14.9	214.3	-699.5	-40.6	-44.8	-191.9	0.0084	0.0168	0.0127	30.43	15.26	20.22	0.00	-0.24	-1.00	0.0
26632	16.9	212.2	-722.7	-53.8	-52.4	-195.7	0.0088	0.0166	0.0127	29.35	15.56	20.38	0.00	-0.24	-1.03	0.0
26633	20.4	213.2	-736.2	-62.3	-59.0	-190.3	0.0093	0.0164	0.0127	28.04	15.88	20.50	0.00	-0.24	-1.04	0.0
26634	26.5	227.9	-744.1	-77.3	-65.0	-175.4	0.0098	0.0161	0.0127	28.03	17.10	21.71	0.00	-0.26	-1.06	0.0
26651	186.3	313.0	-822.1	-138.0	141.3	283.1	0.0288	0.0171	0.0022	14.83	24.94	191.20	0.00	-0.26	-1.34	0.0
26652	164.5	268.7	-830.0	-121.6	122.4	-258.3	0.0288	0.0171	0.0022	14.36	24.14	185.12	0.00	-0.33	-1.31	0.0
26653	164.3	262.7	-834.6	-123.7	128.5	-253.6	0.0288	0.0171	0.0022	14.26	23.98	183.84	0.00	-0.33	-1.31	0.0
26654	185.0	299.2	-837.8	-135.7	152.8	-264.2	0.0288	0.0171	0.0022	16.00	26.90	206.27	0.00	-0.37	-1.37	0.0
26655	290.6	317.6	-805.0	-134.5	218.2	-239.7	0.0288	0.0171	0.0022	18.01	30.28	232.17	0.00	-0.35	-1.40	0.0
26656	265.6	305.9	-808.2	-125.9	184.2	-225.0	0.0288	0.0171	0.0022	16.63	27.96	214.37	0.00	-0.32	-1.35	0.0
26657	261.3	310.0	-808.7	-131.0	183.2	-221.8	0.0288	0.0171	0.0022	16.77	28.19	216.17	0.00	-0.33	-1.36	0.0
26658	281.9	320.8	-808.1	-147.2	210.5	-226.0	0.0288	0.0171	0.0022	18.11	30.45	233.45	0.00	-0.37	-1.40	0.0
26659	351.2	319.0	-795.6	-133.2	224.6	-234.6	0.0288	0.0171	0.0022	19.00	31.96	245.01	0.00	-0.35	-1.42	0.0
26660	335.6	313.4	-798.5	-130.6	192.8	-220.9	0.0288	0.0171	0.0022	18.06	30.37	232.84	0.00	-0.33	-1.38	0.0
26661	333.2	315.3	-799.0	-137.6	192.6	-218.0	0.0288	0.0171	0.0022	18.25	30.68	235.25	0.00	-0.34	-1.39	0.0
26662	343.6	311.1	-798.7	-147.8	218.5	-222.9	0.0288	0.0171	0.0022	19.03	32.00	245.36	0.00	-0.37	-1.42	0.0
26663	409.1	321.1	-795.4	-137.2	-214.9	-231.9	0.0288	0.0171	0.0022	17.73	29.81	228.55	0.00	-0.20	-1.40	0.0
26664	397.8	314.9	-798.3	-136.0	-193.5	-218.5	0.0288	0.0171	0.0022	17.33	29.15	223.46	0.00	-0.21	-1.38	0.0
26665	394.7	314.1	-799.2	-141.1	-194.5	-216.7	0.0288	0.0171	0.0022	17.42	29.29	224.60	0.00	-0.22	-1.38	0.0
26666	395.7	311.5	-799.5	-147.2	-213.3	-223.9	0.0288	0.0171	0.0022	17.63	29.65	227.36	0.00	-0.22	-1.40	0.0
26667	475.5	322.3	-797.7	-146.7	-214.2	-219.3	0.0288	0.0171	0.0022	19.75	33.21	254.62	0.00	-0.26	-1.45	0.0
26668	463.1	318.3	-801.1	-143.5	-195.2	-208.6	0.0288	0.0171	0.0022	19.24	32.36	248.12	0.00	-0.25	-1.43	0.0
26669	457.7	319.9	-802.3	-145.2	-196.8	-209.2	0.0288	0.0171	0.0022	19.17	32.24	247.17	0.00	-0.25	-1.43	0.0
26670	453.3	323.2	-802.7	-147.9	-215.0	-218.7	0.0288	0.0171	0.0022	19.21	32.30	247.63	0.00	-0.25	-1.44	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
26671	2421.1	1141.4	760.1	418.8	1754.3	560.0	0.0216	0.0272	0.0244	170.97	136.00	151.38	0.00	-2.68	-4.09	0.0
26676	2031.5	1084.9	418.8	803.8	1439.3	635.7	0.0220	0.0270	0.0244	151.42	123.43	136.43	0.00	-2.69	-3.78	0.0
26681	20.1	592.2	-661.2	329.8	131.7	381.0	0.0216	0.0159	0.0244	39.25	53.45	34.76	0.00	-0.98	-1.62	0.0
26686	52.2	575.7	-676.0	314.9	158.9	335.5	0.0220	0.0157	0.0244	37.05	51.96	33.39	0.00	-0.91	-1.58	0.0
26691	151.6	436.0	-956.0	275.3	192.5	310.3	0.0401	0.0171	0.0140	17.08	39.99	49.06	0.00	-0.70	-1.72	0.0
26692	156.0	391.0	-944.8	371.2	340.1	271.8	0.0401	0.0171	0.0140	19.12	44.78	54.93	0.00	-0.87	-1.83	0.0
26693	156.2	404.3	-944.6	438.7	490.8	253.0	0.0401	0.0171	0.0140	21.85	51.17	62.77	0.00	-1.00	-2.01	0.0
26694	386.6	419.4	-971.0	481.3	525.8	233.5	0.0401	0.0171	0.0140	25.67	60.12	73.75	0.00	-1.07	-2.18	0.0
26695	614.3	432.5	-979.9	502.8	497.4	-214.5	0.0288	0.0171	0.0140	37.04	62.29	76.42	0.00	-0.87	-2.27	0.0
26696	155.2	384.2	-965.9	230.8	188.9	284.1	0.0401	0.0171	0.0140	14.99	35.12	43.08	0.00	-0.59	-1.64	0.0
26697	141.7	369.5	-958.7	308.9	336.5	263.3	0.0401	0.0171	0.0140	17.14	40.14	49.24	0.00	-0.75	-1.76	0.0
26698	176.0	383.1	-961.6	390.6	461.5	249.0	0.0401	0.0171	0.0140	20.35	47.65	58.46	0.00	-0.90	-1.95	0.0
26699	412.6	394.2	-981.3	441.4	488.4	230.2	0.0401	0.0171	0.0140	24.42	57.19	70.16	0.00	-0.99	-2.12	0.0
26700	627.7	401.4	-986.6	468.2	464.2	-210.9	0.0288	0.0171	0.0140	35.64	59.94	73.53	0.00	-0.83	-2.21	0.0
26765	840.8	445.0	-979.9	500.6	443.7	-211.7	0.0288	0.0171	0.0140	42.06	70.73	86.77	0.00	-0.97	-2.36	0.0
26766	1044.7	459.9	-975.3	478.8	390.7	-215.3	0.0288	0.0171	0.0140	46.47	78.15	95.87	0.00	-1.04	-2.45	0.0
26767	1179.4	482.7	-969.3	444.6	350.0	-224.5	0.0288	0.0171	0.0140	49.18	82.70	101.45	0.00	-1.06	-2.50	0.0
26768	1260.4	504.5	-964.3	403.0	317.5	-229.3	0.0288	0.0171	0.0140	50.42	84.78	104.01	0.00	-1.04	-2.51	0.0
26769	1300.4	513.2	-961.5	357.1	290.9	-226.0	0.0288	0.0171	0.0140	50.47	84.87	104.12	0.00	-1.01	-2.50	0.0
26770	1306.2	506.8	-963.0	309.6	265.3	-215.2	0.0288	0.0171	0.0140	49.52	83.27	102.15	0.00	-0.97	-2.46	0.0
26771	1269.5	485.3	-969.1	269.7	227.5	-201.1	0.0288	0.0171	0.0140	47.36	79.64	97.70	0.00	-0.92	-2.39	0.0
26772	1154.1	423.8	-1086.0	257.2	-261.5	269.1	0.0288	0.0171	0.0022	45.46	51.65	51.65	0.00	-0.44	-1.38	15.0
26773	940.7	327.6	-994.8	310.8	-312.0	260.6	0.0288	0.0171	0.0057	37.80	63.57	192.42	0.00	-0.79	-2.20	0.0
26774	162.3	-297.6	-3656.4	390.2	-1729.9	280.2	0.0288	0.0171	0.0057	30.88	51.92	157.17	0.00	-1.21	-5.25	0.0
26775	-222.5	-636.4	-5304.4	381.8	902.0	-1453.4	0.0288	0.0171	0.0057	0.19	0.31	0.94	0.00	-0.29	-5.89	0.0
26776	494.8	-45.5	-2537.0	291.3	1242.7	-1245.0	0.0288	0.0171	0.0057	33.80	56.83	172.03	0.00	-0.58	-4.43	0.0
26777	1046.8	372.3	-981.7	189.8	356.7	194.1	0.0288	0.0171	0.0045	40.59	68.26	261.68	0.00	-0.84	-2.23	0.0
26778	1171.1	459.4	-955.3	142.3	247.2	-221.2	0.0288	0.0171	0.0045	42.28	71.10	272.56	0.00	-0.74	-2.24	0.0
26779	1194.6	498.9	-925.8	110.7	222.7	-198.8	0.0288	0.0171	0.0045	42.67	71.75	275.08	0.00	-0.71	-2.21	0.0
26780	1184.3	510.3	-913.9	80.3	206.4	-192.8	0.0288	0.0171	0.0045	42.01	70.63	270.79	0.00	-0.68	-2.17	0.0
26781	836.3	411.5	-984.3	470.8	421.9	-212.6	0.0288	0.0171	0.0140	40.59	68.25	83.72	0.00	-0.93	-2.31	0.0
26782	1022.0	427.0	-978.1	452.8	382.5	-222.1	0.0288	0.0171	0.0140	44.83	75.39	92.48	0.00	-1.00	-2.40	0.0
26783	1140.3	451.6	-971.5	420.8	351.7	-236.3	0.0288	0.0171	0.0140	47.25	79.45	97.47	0.00	-1.01	-2.45	0.0
26784	1202.8	476.0	-966.9	379.5	322.9	-242.4	0.0288	0.0171	0.0140	48.02	80.74	99.05	0.00	-0.98	-2.45	0.0
26785	1233.3	483.0	-965.7	328.9	297.3	-235.5	0.0288	0.0171	0.0140	47.71	80.23	98.42	0.00	-0.94	-2.43	0.0
26786	1238.7	478.3	-967.5	274.2	269.7	-221.6	0.0288	0.0171	0.0140	46.64	78.42	96.21	0.00	-0.89	-2.39	0.0
26787	1210.8	464.8	-980.0	225.6	229.7	-192.0	0.0288	0.0171	0.0140	44.68	75.13	92.16	0.00	-0.84	-2.32	0.0
26788	1130.6	425.5	-1031.8	201.9	-208.4	211.9	0.0288	0.0171	0.0022	42.64	54.05	0.00	0.00	-0.46	-1.17	14.9
26789	932.6	327.8	-1037.4	229.1	-342.8	241.1	0.0288	0.0171	0.0057	36.16	60.80	184.05	0.00	-0.71	-2.19	0.0
26790	153.1	-309.9	-3690.7	308.5	-1704.5	639.0	0.0288	0.0171	0.0057	27.91	46.93	142.05	0.00	-1.00	-5.26	0.0
26791	-400.8	-810.5	-6079.6	339.7	423.6	514.2	0.0288	0.0171	0.0057				-0.14	-0.99	-6.16	
26792	320.3	-199.5	-3147.7	274.6	1719.5	193.9	0.0288	0.0171	0.0057	38.55	64.82	196.23	0.00	-1.39	-4.97	0.0
26793	1024.1	374.9	-819.7	175.3	257.2	-214.7	0.0288	0.0171	0.0045	37.84	63.63	243.91	0.00	-0.70	-1.99	0.0
26794	1125.4	444.1	-1042.2	114.0	268.3	-232.0	0.0288	0.0171	0.0045	40.57	68.22	261.52	0.00	-0.70	-2.28	0.0
26795	1159.6	501.9	-958.2	74.5	211.0	-193.8	0.0288	0.0171	0.0045	41.14	69.18	265.21	0.00	-0.66	-2.19	0.0
26796	1151.1	519.1	-951.6	43.6	193.7	-190.5	0.0288	0.0171	0.0045	40.62	68.30	261.84	0.00	-0.63	-2.16	0.0
26861	1157.8	500.6	-907.9	51.6	196.6	-191.9	0.0288	0.0171	0.0045	40.90	68.77	263.65	0.00	-0.65	-2.13	0.0
26862	1116.1	469.8	-911.2	-40.9	-196.1	-200.4	0.0288	0.0171	0.0045	39.43	66.30	254.17	0.00	-0.64	-2.09	0.0
26863	1047.7	417.4	-907.4	-62.2	-213.0	-198.9	0.0288	0.0171	0.0045	37.26	62.66	240.20	0.00	-0.63	-2.03	0.0
26864	898.0	312.0	-1014.3	-99.9	-320.1	-265.8	0.0288	0.0171	0.0045	33.17	55.77	213.80	0.00	-0.59	-2.08	0.0
26865	588.6	117.6	-1164.9	-184.9	-518.1	-415.3	0.0288	0.0171	0.0057	25.67	43.16	130.65	0.00	-0.50	-2.18	0.0
26866	-256.4	-544.6	-3790.1	-279.5	-1673.5	-718.9	0.0288	0.0171	0.0057	14.25	23.96	72.52	0.00	-0.81	-5.01	0.0
26867	-856.1	-1029.4	-6276.6	-274.6	370.5	-406.8	0.0288	0.0171	0.0057				-0.60	-1.23	-6.33	
26868	-174.2	-405.7	-3498.0	-170.5	1745.3	485.0	0.0288	0.0171	0.0057	19.97	33.58	101.65	0.00	-0.91	-4.89	0.0
26869	572.6	224.4	-889.4	78.7	356.4	266.4	0.0288	0.0171	0.0022	26.54	45.24	45.24	0.00	-0.53	-1.20	10.0
26870	711.5	318.8	-913.4	135.9	249.9	206.4	0.0288	0.0171	0.0022	31.08	38.04	38.03	0.00	-0.41	-1.10	15.0
26871	741.1	367.1	-860.7	145.4	223.9	206.6	0.0288	0.0171	0.0022	32.14	40.73	40.65	0.00	-0.42	-1.05	15.0
26872	717.6	390.5	-843.0	127.4	-212.8	-218.5	0.0288	0.0171	0.0022	30.87	40.67	40.64	0.00	-0.38	-1.04	15.0
26873	662.1	392.1	-833.3	97.5	-223.5	-226.3	0.0288	0.0171	0.0022	28.56	38.91	38.90	0.00	-0.32	-1.03	15.0
26874	596.0	370.0	-827.2	-82.4	-229.2	-224.9	0.0288	0.0171	0.0022	23.23	27.64	0.00	0.00	-0.05	-0.96	15.0
26875	535.2	339.1	-821.1	-101.9	-232.7	-218.7	0.0288	0.0171	0.0022	20.59	34.63	265.52	0.00	-0.23	-1.50	0.0
26876	490.6	316.8	-813.3	-128.0	-236.6	-219.1	0.0288	0.0171	0.0022	19.75	33.21	254.60	0.00	-0.24	-1.47	0.0
26877	1127.6	511.1	-944.9	19.4	183.2	-190.3	0.0288	0.0171	0.0045	39.71	66.77	255.97	0.00	-0.61	-2.13	0.0
26878	1088.6	477.5	-944.4	-53.8	-188.3	-190.4	0.0288	0.0171	0.0045	38.47	64.69	247.99	0.00	-0.61	-2.10	0.0
26879	1014.9	411.7	-987.2	-89.7	-232.1	-243.0	0.0288	0.0171	0.0045	36.38	61.17	234.49	0.00	-0.60	-2.10	0.0
26880	884.5	323.0	-874.3	-147.1	-244.6	212.5	0.0288	0.0171	0.0045	33.56	56.44	216.36	0.00	-0.66	-1.90	0.0
26881	422.2	-31.1	-1816.8	-254.5	-983.7	-846.7	0.0288	0.0171	0.0057	27.75	46.67	141.28	0.00	-0.52	-3.30	0.0
26882	-404.5	-692.2	-4650.4	-316.8	-1178.7	-776.8	0.0288	0.0171	0.0057				-0.07	-0.56	-5.11	
26883	-610.0	-799.1	-5230.5	-264.0	844.5	1608.7	0.0288	0.0171	0.0057				-0.28	-0.46	-5.90	
26884	52.0	-205.1	-2567.8	-144.2	1176.7	1413.6	0.0288	0.0171	0.0057	27.17	45.68	138.28	0.00	-0.70	-4.36	0.0
26885	585.5	203.2	-996.8	96.2	396.5	192.3	0.0288	0.0171	0.0022	27.72	37.90	37.90	0.00	-0.48	-1.26	9.8
26886	725.0	287.0	-902.5	136.0	248.8	210.8	0.0288	0.0171	0.0022	31.35	37.55	37.52	0.00	-0.42	-1.10	15.0
26887	746.9	329.0	-863.5	137.9	222.9	-205.3	0.0288	0.0171	0.0022	28.75	39.79	0.00	0.00	-0.29	-1.01	12.6
26888	718.3	354.4	-847.6	120.3	-221.3	-225.4	0.0288	0.0171	0.0022	30.62	39.67	39.64	0.00	-0.38	-1.05	15.0
26889	657.0	360.8	-837.9	86.6	-232.3	-239.0	0.0288	0.0171	0.0022	28.10	38.09	38.05	0.00	-0.32	-1.05	15.0
26890	578.9	333.8	-833.1	-71.2	-237.4	-237.1	0.0288	0.0171	0.0022	21.59	36.30	278.35	0.00	-0.24	-1.54	0.0
26891	513.4	296.8	-828.5	-94.4	-237.3	-226.0	0.0288	0.0171	0.0022	19.69	33.11	253.87	0.00	-0.24	-1.48	0.0
26892	468.5	276.2	-822.2	-128.8	-236.3	-220.6	0.0288	0.0171	0.0022	18.91	31.80	243.79	0.00	-0.25	-1.46	0.0
26893	30.1	204.0	-671.1	-77.3	-73.9	-139.9	0.0103	0.0159	0.0127	23.83	15.49	19.37	0.00	-0.23	-0.95	0.0
26894	36.2	204.4	-682.5	-83.7	-77.5	-135.9	0.0107	0.0157	0.0127	23.31	15.90	19.64	0.00	-0.23	-0.96	0.0
26903	33.9	239.8	-753.5	-91.7	-70.8	-154.5	0.0103	0.0159	0.0127	27.99	18.19	22.75	0.00	-0.27	-1.07	0.0
26904	36.7	231.3	-768.2	-89.2	-76.6	-149.4	0.0107	0.0157	0.0127	26.01	17.74	21.92	0.00	-0.26	-1.08	0.0
26913	232.4	326.7	-845.5	-155.5	190.0	-269.3	0.0288	0.0171	0.0022	18.11	30.45	233.44	0.00	-0.40	-1.45	0.0
26914	240.0	332.2	-858.1	-200.1	178.2	-252.2	0.0288	0.0171	0.0022	19.39	32.61	250.05	0.00	-0.48	-1.48	0.0
26915	303.0	296.7	-812.6	-148.6	249.4	-225.9	0.0288	0.0171	0.0022	18.49	31.09	238.40	0.00	-0.38	-1.43	0.0
26916	299.4	294.2	-822.1	-175.5	236.9	-216.2	0.0288	0.0171	0.0022	19.00	31.95	244.99	0.00	-0.43	-1.44	0.0
26917	347.3	285.8	-803.5	-146.0	252.8	-226.7	0.0288	0.0171	0.0022	19.12	32.15	246.50	0.00	-0.38	-1.44	0.0
26918	336.0	287.2	-813.5	-171.9	239.9	-219.4	0.0288	0.0171	0.0022	19.51	32.81	251.57	0.00	-0.42	-1.45	0.0
26919	390.4	287.7	-804.2	-144.8	242.4	-230.0	0.0288	0.0171	0.0022	19.87	33.42	256.22	0.00	-0.39	-1.46	0.0
26920	375.5	279.4	-814.3	-165.0	232.5	-224.3	0.0288	0.0171	0.0022	19.91	33.48	256.73	0.00	-0.42	-1.46	0.0
26921	444.9	300.2	-807.1	-143.8	-240.5	-226.9	0.0288	0.0171	0.0022	18.77	31.56	241.98	0.00	-0.24	-1.44	0.0
26922	425.8	272.8	-816.9	-154.2	-236.0	-223.8	0.0288	0.0171	0.0022	18.33	30.82	236.30	0.00	-0.26	-1.44	0.0
26931	719.7	264.9	-995.9	329.0	317.3	-261.9	0.0161	0.0130	0.0244	56.18	69.85	37.11	0.00	-0.70	-2.03	0.0
27000	722.8	262.7	-982.5	343.9	349.8	-262.2	0.0157	0.0132	0.0244	59.06	70.11	37.91	0.00	-0.72	-2.06	0.0
27009	666.5	251.8	-981.1	331.3	320.5	-269.1	0.0144	0.0128	0.0127	60.04	67.66	67.95	0.00	-0.67	-1.98	0.0
27018	814.0	316.1	-968.2	355.5	318.9	-256.8	0.0161	0.0130	0.0244	62.81	78.09	41.49	0.00	-0.77	-2.11	0.0
27087	783.6	311.7	-963.7	376.1	343.5	-254.0	0.0157	0.0132	0.0244	64.34	76.37	41.29	0.00	-0.78	-2.11	0.0
27096	742.6	301.5	-965.3	367.2	315.0	-259.4	0.0144	0.0128	0.0127	66.92	75.41	75.74	0.00	-0.75	-2.06	0.0
27097	1140.1	458.0	-968.5	283.2	251.2	-218.1	0.0288	0.0171	0.0140	43.56	73.25	89.86	0.00	-0.84	-2.30	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
27098	1137.3	460.9	-965.9	338.4	284.4	-240.4	0.0288	0.0171	0.0140	44.83	75.38	92.47	0.00	-0.89	-2.35	0.0
27099	1124.5	457.7	-965.8	386.3	311.2	-252.8	0.0288	0.0171	0.0140	45.69	76.83	94.25	0.00	-0.94	-2.39	0.0
27100	1002.1	436.7	-963.5	324.0	252.1	-223.8	0.0288	0.0171	0.0140	40.23	67.64	82.98	0.00	-0.80	-2.20	0.0
27101	1004.7	439.7	-962.7	373.8	288.1	-250.5	0.0288	0.0171	0.0140	41.71	70.13	86.04	0.00	-0.85	-2.27	0.0
27102	1020.9	440.9	-962.0	413.6	313.4	-267.9	0.0288	0.0171	0.0140	43.31	72.83	89.35	0.00	-0.91	-2.33	0.0
27103	871.1	403.3	-961.3	340.3	261.1	-230.1	0.0266	0.0171	0.0022	41.56	53.87	85.57	0.00	-0.56	-1.35	15.0
27104	882.0	400.2	-962.5	376.7	299.1	-257.3	0.0288	0.0171	0.0140	38.13	64.12	78.66	0.00	-0.80	-2.18	0.0
27105	901.1	407.5	-961.5	419.1	330.8	-281.0	0.0288	0.0171	0.0140	39.99	67.25	82.50	0.00	-0.85	-2.25	0.0
27106	1080.2	413.5	-829.1	44.3	134.7	-170.9	0.0288	0.0171	0.0045	37.89	63.71	244.23	0.00	-0.66	-1.95	0.0
27107	1082.5	400.6	-843.1	102.5	150.0	-171.5	0.0288	0.0171	0.0045	38.38	64.55	247.45	0.00	-0.69	-1.99	0.0
27108	1032.3	355.9	-863.7	173.3	202.7	-179.3	0.0288	0.0171	0.0045	37.73	63.45	243.25	0.00	-0.73	-2.00	0.0
27109	752.8	163.6	-1514.9	266.2	635.7	-435.0	0.0288	0.0171	0.0045	32.99	55.47	212.65	0.00	-0.70	-2.75	0.0
27110	216.1	-217.6	-3278.2	331.9	853.4	-251.7	0.0288	0.0171	0.0057	17.85	30.02	90.87	0.00	-0.80	-4.02	0.0
27111	64.2	-292.1	-3751.1	310.9	-513.6	810.7	0.0288	0.0171	0.0057	8.50	14.30	43.29	0.00	-0.46	-4.26	0.0
27112	527.5	86.2	-2110.4	228.7	-837.3	722.1	0.0288	0.0171	0.0057	26.78	45.04	136.34	0.00	-0.47	-3.34	0.0
27113	942.5	365.2	-1067.7	176.0	-268.9	226.2	0.0288	0.0171	0.0022	36.16	50.58	0.00	0.00	-0.43	-1.23	13.4
27114	1080.3	431.0	-998.9	186.8	162.6	167.8	0.0288	0.0171	0.0022	42.52	48.33	47.78	0.00	-0.49	-1.16	15.0
27115	1126.4	452.4	-974.8	228.5	212.5	-194.1	0.0288	0.0171	0.0140	41.89	70.45	86.42	0.00	-0.78	-2.23	0.0
27116	673.2	-109.5	-2138.0	84.4	115.3	-810.8	0.0266	0.0171	0.0057	25.66	39.85	120.63	0.00	-0.51	-3.11	0.0
27117	655.6	-109.5	-2175.1	163.0	141.4	-820.4	0.0266	0.0171	0.0057	25.91	40.24	121.81	0.00	-0.53	-3.16	0.0
27118	581.0	-106.4	-2190.0	248.5	203.9	-804.5	0.0266	0.0171	0.0057	24.91	38.70	117.13	0.00	-0.55	-3.15	0.0
27119	316.3	-214.7	-2960.0	312.3	567.3	-385.4	0.0266	0.0171	0.0057	18.85	29.28	88.62	0.00	-0.74	-3.62	0.0
27120	259.7	-132.1	-2940.2	308.4	-521.0	444.8	0.0288	0.0171	0.0057	15.62	26.26	79.49	0.00	-0.61	-3.55	0.0
27121	614.4	240.7	-1437.1	242.8	-573.9	374.3	0.0288	0.0171	0.0057	27.93	46.97	142.17	0.00	-0.51	-2.48	0.0
27122	860.9	414.7	-888.6	181.9	121.5	-142.3	0.0288	0.0171	0.0022	33.63	42.43	0.00	0.00	-0.36	-0.95	14.7
27123	941.8	422.0	-1008.0	177.6	-147.1	154.1	0.0288	0.0171	0.0022	36.51	41.85	41.84	0.00	-0.35	-1.16	15.0
27124	994.4	435.1	-967.1	214.4	162.1	-170.4	0.0288	0.0171	0.0022	39.14	46.15	46.11	0.00	-0.41	-1.15	15.0
27125	1003.3	436.8	-964.3	268.0	210.0	-197.4	0.0288	0.0171	0.0140	38.80	65.24	80.03	0.00	-0.74	-2.14	0.0
27126	540.3	-89.8	-2133.4	97.2	96.2	744.1	0.0266	0.0171	0.0057	21.68	33.67	101.92	0.00	-0.46	-2.95	0.0
27127	517.9	-77.6	-2163.4	155.4	-94.3	761.3	0.0266	0.0171	0.0057	21.06	32.72	99.03	0.00	-0.43	-2.98	0.0
27128	463.5	-46.3	-2211.3	200.9	-93.1	799.7	0.0266	0.0171	0.0057	20.66	32.09	97.14	0.00	-0.41	-3.03	0.0
27129	434.3	30.0	-2175.8	209.9	-194.7	768.6	0.0266	0.0171	0.0057	20.01	31.08	94.09	0.00	-0.34	-2.97	0.0
27130	602.4	247.4	-1443.1	187.6	-503.1	350.2	0.0266	0.0171	0.0057	27.97	43.45	131.51	0.00	-0.44	-2.38	0.0
27131	786.6	410.8	-917.2	168.8	113.7	-139.7	0.0266	0.0171	0.0022	33.90	38.45	38.36	0.00	-0.32	-1.05	15.0
27132	837.8	424.7	-993.4	176.9	-119.6	-137.5	0.0266	0.0171	0.0022	36.24	44.78	44.78	0.00	-0.44	-1.13	10.3
27133	877.2	430.9	-944.3	204.0	153.5	-167.5	0.0266	0.0171	0.0022	38.14	43.07	42.86	0.00	-0.37	-1.12	15.0
27134	889.6	419.4	-954.7	242.6	176.6	-177.5	0.0266	0.0171	0.0022	39.71	45.48	45.48	0.00	-0.43	-1.15	15.0
27135	878.1	409.2	-958.3	292.8	217.0	-200.8	0.0266	0.0171	0.0022	40.08	51.83	52.26	0.00	-0.52	-1.22	15.0
27136	714.0	402.4	-798.2	98.0	94.0	-141.6	0.0266	0.0171	0.0022	28.89	33.80	0.00	0.00	-0.18	-0.85	14.9
27137	707.1	413.6	-805.5	128.6	99.9	-140.7	0.0266	0.0171	0.0022	29.79	35.45	35.13	0.00	-0.23	-0.93	15.0
27138	696.0	431.9	-807.7	146.3	95.5	-148.3	0.0266	0.0171	0.0022	29.45	39.50	0.00	0.00	-0.27	-0.87	12.2
27139	700.3	448.9	-801.0	148.1	-91.4	-171.6	0.0266	0.0171	0.0022	32.00	39.47	39.43	0.00	-0.33	-0.93	15.0
27140	710.7	435.6	-901.3	149.9	130.5	-142.3	0.0266	0.0171	0.0022	30.99	37.03	37.00	0.00	-0.26	-1.04	15.0
27141	735.9	418.3	-960.2	167.6	-106.7	-138.9	0.0266	0.0171	0.0022	33.54	38.76	38.71	0.00	-0.37	-1.08	15.0
27142	767.6	413.8	-928.0	199.0	137.9	-167.3	0.0266	0.0171	0.0022	34.36	39.97	39.95	0.00	-0.35	-1.09	15.0
27143	780.4	400.0	-940.6	234.0	154.3	-174.4	0.0266	0.0171	0.0022	35.90	41.71	41.71	0.00	-0.40	-1.12	15.0
27144	783.1	385.1	-944.6	271.8	180.2	-185.5	0.0266	0.0171	0.0022	36.99	44.16	44.13	0.00	-0.46	-1.16	15.0
27145	772.8	369.7	-953.4	311.9	212.9	-204.7	0.0266	0.0171	0.0022	37.05	49.04	53.09	0.00	-0.53	-1.23	15.0
27146	633.2	436.2	-897.7	104.2	92.0	-156.5	0.0266	0.0171	0.0022	25.82	37.29	0.00	0.00	-0.21	-0.95	7.9
27147	634.2	437.9	-903.3	127.7	97.3	-159.8	0.0266	0.0171	0.0022	26.59	38.61	0.00	0.00	-0.24	-0.96	8.5
27148	634.6	437.0	-909.2	146.7	103.9	-163.5	0.0266	0.0171	0.0022	27.13	39.92	0.00	0.00	-0.27	-0.97	8.9
27149	637.4	429.0	-918.1	162.7	114.6	-163.1	0.0266	0.0171	0.0022	27.83	40.10	0.00	0.00	-0.30	-0.98	9.7
27150	646.5	415.8	-910.1	179.9	119.0	-168.4	0.0266	0.0171	0.0022	28.92	39.65	0.00	0.00	-0.31	-0.98	11.5
27151	658.1	397.4	-910.2	202.6	133.1	-171.1	0.0266	0.0171	0.0022	29.74	41.28	0.00	0.00	-0.36	-0.99	12.2
27152	667.8	377.3	-923.8	231.6	139.3	-173.5	0.0266	0.0171	0.0022	31.62	40.09	0.00	0.00	-0.39	-1.02	14.7
27153	674.8	360.1	-928.2	265.2	157.6	-181.4	0.0266	0.0171	0.0022	33.53	39.93	39.93	0.00	-0.44	-1.12	15.0
27154	677.2	342.7	-936.7	299.5	176.4	-189.2	0.0266	0.0171	0.0022	34.21	42.57	42.57	0.00	-0.50	-1.16	15.0
27155	677.0	323.3	-946.2	333.1	201.5	-204.6	0.0266	0.0171	0.0022	34.45	46.28	57.08	0.00	-0.55	-1.23	15.0
27156	565.7	392.6	-858.3	126.6	108.9	-169.2	0.0266	0.0171	0.0022	24.06	35.52	0.00	0.00	-0.23	-0.92	8.6
27157	566.0	387.4	-865.2	154.6	114.7	-171.9	0.0266	0.0171	0.0022	24.93	36.97	0.00	0.00	-0.27	-0.94	9.7
27158	565.8	379.7	-872.5	178.5	121.0	-174.5	0.0266	0.0171	0.0022	25.74	37.80	0.00	0.00	-0.31	-0.95	10.7
27159	564.8	371.2	-879.9	199.5	127.3	-176.8	0.0266	0.0171	0.0022	26.26	39.05	0.00	0.00	-0.34	-0.97	11.6
27160	563.5	361.4	-890.5	220.3	135.4	-178.2	0.0266	0.0171	0.0022	27.07	39.18	0.00	0.00	-0.37	-0.99	12.6
27161	563.6	349.6	-900.0	242.5	143.7	-179.9	0.0266	0.0171	0.0022	28.11	39.06	0.00	0.00	-0.40	-1.01	13.9
27162	565.2	336.3	-907.7	267.7	153.8	-182.2	0.0266	0.0171	0.0022	29.68	38.27	11.77	0.00	-0.43	-1.05	15.0
27163	567.7	321.7	-917.3	295.2	164.4	-185.7	0.0266	0.0171	0.0022	31.08	38.42	36.75	0.00	-0.48	-1.12	15.0
27164	571.7	306.0	-926.5	323.9	178.1	-191.4	0.0266	0.0171	0.0022	31.21	41.60	41.60	0.00	-0.53	-1.16	15.0
27165	579.6	286.1	-936.9	351.5	194.4	-201.1	0.0266	0.0171	0.0022	31.93	43.60	58.77	0.00	-0.57	-1.22	15.0
27166	830.8	385.1	-981.5	477.8	364.7	-206.7	0.0288	0.0171	0.0140	40.08	67.40	82.68	0.00	-0.96	-2.27	0.0
27167	822.0	355.4	-971.4	490.2	321.1	-208.3	0.0288	0.0171	0.0140	39.73	66.81	81.96	0.00	-0.99	-2.23	0.0
27168	785.0	320.5	-965.2	456.0	304.3	-221.5	0.0266	0.0171	0.0022	42.86	54.50	148.35	0.00	-0.73	-1.53	15.0
27169	990.8	403.3	-975.4	457.3	350.0	-224.3	0.0288	0.0171	0.0140	43.73	73.53	90.20	0.00	-1.00	-2.36	0.0
27170	951.9	381.0	-967.4	471.2	330.5	-233.7	0.0288	0.0171	0.0140	42.77	71.92	88.22	0.00	-1.01	-2.32	0.0
27171	891.1	349.5	-964.1	442.5	325.9	-248.4	0.0288	0.0171	0.0140	40.01	67.28	82.54	0.00	-0.93	-2.25	0.0
27172	1089.7	431.0	-969.2	425.2	335.8	-245.5	0.0288	0.0171	0.0140	45.67	76.80	94.22	0.00	-0.99	-2.40	0.0
27173	1025.5	413.0	-963.6	443.6	331.1	-260.2	0.0288	0.0171	0.0140	44.18	74.28	91.13	0.00	-0.98	-2.36	0.0
27174	968.3	380.6	-960.7	434.0	339.1	-277.0	0.0288	0.0171	0.0140	42.11	70.81	86.86	0.00	-0.93	-2.32	0.0
27175	601.6	268.6	-947.5	373.9	215.1	-215.6	0.0266	0.0171	0.0022	33.53	44.00	74.43	0.00	-0.60	-1.29	15.0
27176	693.9	314.7	-955.6	358.4	231.8	-227.9	0.0266	0.0171	0.0022	35.88	47.67	74.61	0.00	-0.57	-1.31	15.0
27177	776.6	362.0	-960.7	343.0	252.6	-234.3	0.0266	0.0171	0.0022	38.32	50.43	73.83	0.00	-0.55	-1.32	15.0
27178	643.6	274.1	-957.0	392.3	241.0	-228.9	0.0266	0.0171	0.0022	35.36	46.72	88.90	0.00	-0.62	-1.36	15.0
27179	735.4	324.1	-963.0	376.1	264.6	-249.3	0.0266	0.0171	0.0022	37.95	49.87	88.71	0.00	-0.58	-1.38	15.0
27180	808.6	361.0	-965.1	363.0	289.3	-260.0	0.0266	0.0171	0.0022	40.17	52.09	88.14	0.00	-0.55	-1.40	15.0
27181	707.2	292.6	-963.2	413.6	273.5	-233.5	0.0266	0.0171	0.0022	38.40	49.80	109.11	0.00	-0.65	-1.43	15.0
27182	795.3	329.8	-966.3	398.2	299.0	-259.2	0.0266	0.0171	0.0022	40.87	52.39	108.46	0.00	-0.61	-1.46	15.0
27183	856.7	365.7	-968.7	383.8	325.2	-278.8	0.0379	0.0171	0.0022	29.95	54.24	103.73	0.00	-0.57	-1.48	15.0
27248	337.1	2.8	-984.6	15.2	-83.6	-51.7	0.0266	0.0067	0.0127	12.92	51.49	27.02	0.00	-0.34	-1.34	0.0
27249	324.4	-1.5	-928.5	33.6	-101.3	-54.0	0.0263	0.0068	0.0127	12.78	49.66	26.50	0.00	-0.34	-1.28	0.0
27250	318.9	11.1	-881.4	61.8	-85.2	-49.4	0.0259	0.0070	0.0127	13.05	48.24	26.59	0.00	-0.34	-1.23	0.0
27251	324.1	23.6	-867.4	89.1	84.5	-53.1	0.0252	0.0073	0.0127	13.96	48.03	27.72	0.00	-0.35	-1.23	0.0
27252	320.5	39.3	-864.4	113.9	100.7	-59.5	0.0244	0.0078	0.0127	14.99	47.08	28.76	0.00	-0.36	-1.24	0.0
27253	311.2	58.8	-862.1	136.7	115.0	-67.2	0.0233	0.0083	0.0127	16.11	45.42	29.60	0.00	-0.36	-1.26	0.0
27254	297.1	81.4	-860.2	156.8	128.1	-76.5	0.0222	0.0089	0.0127	17.36	43.31	30.26	0.00	-0.37	-1.27	0.0
27255	279.0	106.7	-857.9	173.5	140.5	-87.5	0.0208	0.0095	0.0127	18.78	40.99	30.78	0.00	-0.37	-1.28	0.0
27256	257.9	133.9	-855.0	186.6	152.5	-100.5	0.0194	0.0103	0.0127	20.41	38.63	31.17	0.00	-0.36	-1.29	0.0
27257	235.3	162.5	-851.4	195.8	164.8	-116.1	0.0179	0.0110	0.0127	22.36	36.40	31.51	0.00	-0.36	-1.30	0.0
27258	213.3	192.6	-847.5	202.4	178.4	-135.3	0.0164	0.0118	0.0127	24.84	34.56	32.01	0.00	-0.35	-1.31	0.0
27259	195.8	226.5	-843.3	209.3	193.5	171.8	0.0148	0.0125	0.0127	31.79	37.60	37.10	0.00	-0.47	-1.37	0.0
27260	184.4	271.3	-837.4	222.7	208.5	219.3	0.0133	0.0133	0.0127	39.18	39.25	41.06	0.00	-0.52	-1.43	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
27261	196.1	343.0	-814.1	248.3	221.0	272.0	0.0232	0.0140	0.0127	26.50	43.82	48.34	0.00	-0.60	-1.51	0.0
27262	188.6	494.4	-754.2	318.4	213.6	325.9	0.0240	0.0147	0.0244	33.01	53.93	32.44	0.00	-0.80	-1.65	0.0
27263	941.4	902.7	-267.2	758.9	678.4	508.9	0.0228	0.0266	0.0244	87.56	74.91	81.63	0.00	-1.82	-2.59	0.0
27328	359.2	-38.9	-1187.6	-50.0	-169.8	-97.9	0.0266	0.0067	0.0127	14.35	57.18	30.00	0.00	-0.41	-1.60	0.0
27329	306.0	9.3	-996.9	28.7	-151.9	-36.9	0.0263	0.0068	0.0127	12.40	48.19	25.72	0.00	-0.32	-1.34	0.0
27330	347.0	19.8	-936.6	67.8	97.4	-32.9	0.0259	0.0070	0.0127	14.15	52.33	28.85	0.00	-0.36	-1.31	0.0
27331	354.1	30.2	-940.4	95.3	110.1	-41.3	0.0252	0.0073	0.0127	15.33	52.75	30.45	0.00	-0.38	-1.34	0.0
27332	352.5	46.9	-937.9	122.5	120.4	-48.0	0.0244	0.0078	0.0127	16.52	51.88	31.69	0.00	-0.39	-1.36	0.0
27333	344.6	67.6	-937.7	147.6	128.5	-56.4	0.0233	0.0083	0.0127	17.79	50.15	32.68	0.00	-0.40	-1.37	0.0
27334	331.8	92.2	-936.8	170.2	135.7	-65.9	0.0222	0.0089	0.0127	19.24	48.01	33.54	0.00	-0.41	-1.38	0.0
27335	314.5	120.0	-935.4	189.7	142.2	-76.7	0.0208	0.0095	0.0127	20.90	45.64	34.26	0.00	-0.41	-1.40	0.0
27336	293.2	150.3	-933.3	205.1	148.0	-88.9	0.0194	0.0103	0.0127	22.81	43.16	34.82	0.00	-0.41	-1.41	0.0
27337	268.9	181.7	-930.5	215.6	153.6	109.7	0.0179	0.0110	0.0127	26.28	42.77	37.03	0.00	-0.47	-1.43	0.0
27338	243.8	213.0	-927.3	221.5	159.7	134.2	0.0164	0.0118	0.0127	29.40	40.89	37.87	0.00	-0.47	-1.44	0.0
27339	221.4	244.4	-924.1	225.1	167.1	164.3	0.0148	0.0125	0.0127	33.50	39.63	39.10	0.00	-0.49	-1.46	0.0
27340	205.8	280.2	-920.0	231.3	174.4	201.5	0.0133	0.0133	0.0127	39.51	39.59	41.42	0.00	-0.52	-1.50	0.0
27341	196.8	331.9	-913.2	247.2	173.8	241.1	0.0232	0.0140	0.0127	25.01	41.35	45.62	0.00	-0.57	-1.55	0.0
27342	235.4	420.0	-861.5	295.7	197.4	281.9	0.0240	0.0147	0.0244	29.67	48.48	29.16	0.00	-0.69	-1.65	0.0
27343	192.6	509.8	-746.8	326.1	208.3	314.4	0.0228	0.0153	0.0244	35.35	52.57	32.96	0.00	-0.82	-1.64	0.0
27344	510.2	345.7	-849.4	130.7	139.9	-167.8	0.0266	0.0171	0.0022	21.94	34.08	261.28	0.00	-0.27	-1.47	0.0
27345	512.0	334.0	-857.2	164.7	144.6	-173.0	0.0266	0.0171	0.0022	22.97	35.68	273.56	0.00	-0.33	-1.51	0.0
27346	512.8	320.7	-865.3	189.8	148.4	-177.3	0.0266	0.0171	0.0022	24.88	32.83	0.00	0.00	-0.30	-0.96	12.5
27347	510.3	310.8	-873.6	211.4	153.1	-179.5	0.0266	0.0171	0.0022	25.61	33.42	0.00	0.00	-0.33	-0.98	13.3
27348	506.0	303.3	-881.6	233.5	158.2	-181.3	0.0266	0.0171	0.0022	25.67	35.75	0.00	0.00	-0.37	-1.00	13.3
27349	501.9	295.8	-890.5	257.1	163.9	-183.1	0.0266	0.0171	0.0022	26.98	35.16	0.00	0.00	-0.40	-1.01	14.9
27350	499.0	287.2	-900.3	282.0	170.1	-185.1	0.0266	0.0171	0.0022	28.41	34.84	25.72	0.00	-0.44	-1.08	15.0
27351	497.8	277.4	-910.1	308.0	177.1	-187.7	0.0266	0.0171	0.0022	29.17	36.10	36.04	0.00	-0.49	-1.12	15.0
27352	499.3	266.1	-920.5	334.6	185.2	-191.4	0.0266	0.0171	0.0022	28.87	39.96	39.96	0.00	-0.54	-1.16	15.0
27353	505.7	252.6	-931.2	360.4	195.2	-197.0	0.0266	0.0171	0.0022	29.88	41.11	55.93	0.00	-0.58	-1.22	15.0
27354	521.0	240.8	-942.1	383.8	208.3	-203.9	0.0266	0.0171	0.0022	31.14	42.22	70.75	0.00	-0.62	-1.27	15.0
27355	550.3	242.0	-952.3	405.1	226.9	-208.9	0.0266	0.0171	0.0022	33.22	43.14	86.52	0.00	-0.64	-1.33	15.0
27356	598.0	263.2	-960.0	430.5	253.2	-206.9	0.0266	0.0171	0.0022	35.56	47.10	107.29	0.00	-0.69	-1.40	15.0
27357	645.1	297.9	-965.7	471.9	281.6	-195.8	0.0266	0.0171	0.0022	39.04	51.52	141.21	0.00	-0.76	-1.49	15.0
27358	661.3	333.0	-974.2	502.5	310.7	-188.6	0.0288	0.0171	0.0140	35.98	60.50	74.21	0.00	-0.96	-2.13	0.0
27359	646.6	371.6	-984.8	482.9	380.0	-196.5	0.0288	0.0171	0.0140	35.74	60.10	73.73	0.00	-0.89	-2.16	0.0
27360	471.8	285.4	-846.4	108.0	154.5	-157.1	0.0266	0.0171	0.0022	19.77	30.70	235.39	0.00	-0.25	-1.41	0.0
27361	481.1	265.6	-855.2	146.9	157.0	-168.2	0.0266	0.0171	0.0022	21.00	32.62	250.07	0.00	-0.32	-1.46	0.0
27362	486.4	248.2	-863.1	170.9	159.5	-173.2	0.0266	0.0171	0.0022	21.74	33.77	258.90	0.00	-0.37	-1.49	0.0
27363	483.9	239.8	-871.5	193.6	163.0	-175.0	0.0266	0.0171	0.0022	22.30	34.64	265.57	0.00	-0.41	-1.52	0.0
27364	478.1	235.9	-880.5	219.3	166.6	-176.8	0.0266	0.0171	0.0022	22.91	35.59	272.87	0.00	-0.45	-1.55	0.0
27365	471.5	232.9	-889.8	246.8	170.5	-178.1	0.0266	0.0171	0.0022	25.39	31.09	0.00	0.00	-0.38	-1.01	14.5
27366	464.5	229.9	-899.4	275.2	175.0	-179.5	0.0266	0.0171	0.0022	27.07	30.72	30.60	0.00	-0.43	-1.09	15.0
27367	457.5	226.7	-909.4	304.0	179.9	-181.2	0.0266	0.0171	0.0022	27.69	32.57	32.57	0.00	-0.48	-1.11	15.0
27368	451.0	223.5	-919.7	332.5	185.7	-183.4	0.0266	0.0171	0.0022	27.86	35.35	35.35	0.00	-0.53	-1.14	15.0
27369	446.4	221.3	-930.1	359.7	192.8	-186.1	0.0266	0.0171	0.0022	27.93	38.54	47.05	0.00	-0.58	-1.19	15.0
27370	446.4	224.1	-940.5	384.7	202.4	-188.4	0.0266	0.0171	0.0022	28.94	39.96	61.69	0.00	-0.62	-1.24	15.0
27371	454.8	237.4	-950.1	408.6	216.4	-188.0	0.0266	0.0171	0.0022	30.29	41.88	77.03	0.00	-0.66	-1.30	15.0
27372	473.2	258.8	-958.5	436.6	235.8	-182.6	0.0266	0.0171	0.0022	32.20	44.55	97.15	0.00	-0.70	-1.36	15.0
27373	490.1	281.5	-966.6	470.6	261.3	-174.9	0.0266	0.0171	0.0022	34.37	47.63	121.46	0.00	-0.76	-1.43	15.0
27374	487.4	311.0	-975.7	492.0	298.9	174.0	0.0288	0.0171	0.0140	33.30	56.00	68.69	0.00	-1.06	-2.00	0.0
27375	449.7	360.2	-983.5	462.1	387.1	207.0	0.0288	0.0171	0.0140	33.43	56.21	68.96	0.00	-1.01	-2.05	0.0
27376	430.7	242.5	-851.2	102.3	153.5	-133.0	0.0266	0.0171	0.0022	18.11	28.13	215.67	0.00	-0.25	-1.37	0.0
27377	450.4	209.3	-857.9	140.5	151.4	-155.3	0.0266	0.0171	0.0022	19.52	30.31	232.40	0.00	-0.34	-1.42	0.0
27378	457.6	189.5	-863.5	157.7	155.6	-156.7	0.0266	0.0171	0.0022	20.11	31.23	239.45	0.00	-0.38	-1.44	0.0
27379	452.0	185.0	-871.8	180.4	158.4	-158.8	0.0266	0.0171	0.0022	20.55	31.91	244.67	0.00	-0.41	-1.47	0.0
27380	443.4	185.3	-881.0	208.1	161.0	-160.5	0.0266	0.0171	0.0022	21.13	32.82	251.64	0.00	-0.45	-1.49	0.0
27381	433.4	186.8	-890.2	237.1	164.3	-161.5	0.0266	0.0171	0.0022	21.79	33.84	259.48	0.00	-0.49	-1.52	0.0
27382	421.7	189.1	-900.0	266.4	167.9	-162.6	0.0266	0.0171	0.0022	22.48	34.91	267.65	0.00	-0.53	-1.55	0.0
27383	408.5	192.4	-909.9	295.2	171.9	-163.9	0.0266	0.0171	0.0022	23.17	35.98	275.87	0.00	-0.57	-1.58	0.0
27384	394.0	197.2	-920.1	322.7	176.6	-165.4	0.0266	0.0171	0.0022	26.54	31.03	31.02	0.00	-0.52	-1.11	15.0
27385	379.0	205.5	-930.4	348.1	182.5	-166.9	0.0266	0.0171	0.0022	26.48	33.78	33.78	0.00	-0.56	-1.14	15.0
27386	365.3	220.2	-940.5	370.8	190.3	-167.5	0.0266	0.0171	0.0022	26.75	36.12	43.40	0.00	-0.60	-1.18	15.0
27387	355.6	241.6	-950.1	392.2	201.1	-166.1	0.0266	0.0171	0.0022	27.85	37.51	57.07	0.00	-0.63	-1.23	15.0
27388	350.5	262.7	-959.1	415.7	215.6	-162.2	0.0266	0.0171	0.0022	28.17	40.87	70.06	0.00	-0.67	-1.28	15.0
27389	342.5	275.6	-967.9	440.4	236.8	158.8	0.0266	0.0171	0.0022	33.51	44.07	44.07	0.00	-0.94	-1.16	15.0
27390	313.3	291.1	-975.6	450.4	273.6	186.2	0.0288	0.0171	0.0140	28.20	47.42	58.18	0.00	-0.96	-1.85	0.0
27391	237.8	347.2	-975.0	410.9	362.3	224.2	0.0401	0.0171	0.0140	19.98	46.78	57.39	0.00	-0.91	-1.89	0.0
27392	384.7	200.1	-881.2	108.0	-131.3	-114.1	0.0266	0.0171	0.0022	17.12	26.59	203.86	0.00	-0.30	-1.36	0.0
27393	420.5	155.3	-880.3	132.8	139.0	-134.8	0.0266	0.0171	0.0022	18.05	28.03	214.95	0.00	-0.35	-1.40	0.0
27394	426.7	139.4	-868.3	141.7	152.7	-123.8	0.0266	0.0171	0.0022	18.48	28.71	220.10	0.00	-0.38	-1.40	0.0
27395	416.6	141.7	-881.1	167.1	152.3	-131.0	0.0266	0.0171	0.0022	18.82	29.23	224.08	0.00	-0.40	-1.42	0.0
27396	405.7	146.3	-888.7	195.4	154.5	-131.2	0.0266	0.0171	0.0022	19.34	30.05	230.37	0.00	-0.44	-1.44	0.0
27397	392.0	152.6	-898.0	223.9	156.6	-133.1	0.0266	0.0171	0.0022	19.90	30.91	236.97	0.00	-0.47	-1.47	0.0
27398	375.6	160.7	-907.4	251.9	158.9	-134.9	0.0266	0.0171	0.0022	20.46	31.79	243.71	0.00	-0.51	-1.50	0.0
27399	356.5	171.0	-917.1	278.2	161.4	-136.9	0.0266	0.0171	0.0022	21.01	32.63	250.17	0.00	-0.54	-1.52	0.0
27400	334.7	184.4	-926.8	302.1	164.4	-139.1	0.0266	0.0171	0.0022	21.51	33.41	256.15	0.00	-0.58	-1.55	0.0
27401	310.7	202.5	-936.6	322.5	168.2	-141.3	0.0266	0.0171	0.0022	21.97	34.13	261.68	0.00	-0.60	-1.57	0.0
27402	285.6	225.9	-946.1	339.0	173.4	-142.9	0.0266	0.0171	0.0022	22.43	34.84	267.10	0.00	-0.63	-1.60	0.0
27403	261.3	251.6	-955.3	352.6	180.3	-143.6	0.0266	0.0171	0.0022	22.91	35.59	272.86	0.00	-0.65	-1.62	0.0
27404	238.4	274.2	-964.1	365.5	188.9	149.3	0.0266	0.0171	0.0022	32.01	32.81	32.81	0.00	-0.83	-1.11	15.0
27405	212.9	287.5	-972.5	376.8	201.1	167.2	0.0266	0.0171	0.0022	32.19	34.47	34.45	0.00	-0.86	-1.13	15.0
27406	164.6	293.3	-975.8	373.5	222.2	197.5	0.0401	0.0171	0.0140	16.48	38.59	47.34	0.00	-0.81	-1.69	0.0
27407	110.3	342.5	-970.4	323.5	275.1	235.3	0.0401	0.0171	0.0140	16.12	37.75	46.32	0.00	-0.76	-1.70	0.0
27408	258.1	87.6	-1416.2	108.8	-384.7	-271.2	0.0266	0.0171	0.0022	16.13	25.05	192.05	0.00	-0.39	-1.97	0.0
27409	390.5	99.9	-862.7	104.9	168.3	112.2	0.0266	0.0171	0.0022	17.04	26.47	202.97	0.00	-0.38	-1.35	0.0
27410	385.1	86.9	-933.7	128.2	164.0	-80.1	0.0266	0.0171	0.0022	16.71	25.95	198.96	0.00	-0.39	-1.41	0.0
27411	377.3	98.8	-926.4	155.5	167.3	80.0	0.0266	0.0171	0.0022	17.72	27.52	211.00	0.00	-0.44	-1.42	0.0
27412	364.0	108.9	-934.9	182.4	168.1	85.3	0.0266	0.0171	0.0022	18.20	28.26	216.69	0.00	-0.47	-1.44	0.0
27413	347.3	123.5	-940.6	208.1	167.9	93.9	0.0266	0.0171	0.0022	18.70	29.04	222.66	0.00	-0.50	-1.46	0.0
27414	326.9	141.4	-947.0	231.9	167.3	102.9	0.0266	0.0171	0.0022	19.18	29.79	228.43	0.00	-0.53	-1.48	0.0
27415	302.7	163.2	-953.1	252.7	166.2	112.6	0.0266	0.0171	0.0022	19.64	30.50	233.83	0.00	-0.55	-1.50	0.0
27416	274.8	189.0	-958.9	269.4	164.9	122.9	0.0266	0.0171	0.0022	20.03	31.11	238.55	0.00	-0.57	-1.52	0.0
27417	243.5	218.1	-964.4	280.7	163.4	133.5	0.0266	0.0171	0.0022	20.34	31.60	242.26	0.00	-0.59	-1.54	0.0
27418	210.0	248.3	-969.6	286.1	162.2	144.6	0.0266	0.0171	0.0022	20.55	31.92	244.76	0.00	-0.60	-1.55	0.0
27419	176.1	276.6	-974.3	286.5	161.4	157.0	0.0266	0.0171	0.0022	20.68	32.12	246.26	0.00	-0.61	-1.56	0.0
27420	143.6	300.6	-979.1	284.3	159.6	171.9	0.0266	0.0171	0.0022	20.77	32.26	247.38	0.00	-0.63	-1.57	0.0
27421	114.4	322.2	-981.9	283.7	155.6	189.7	0.0379	0.0171	0.0022	14.75	32.65	250.32	0.00	-0.64	-1.58	0.0
27422	87.9	346.8	-981.3	279.2	138.5	206.6	0.0401	0.0171	0.0140	14.09	32.99	40.47	0.00	-0.66	-1.59	0.0
27423	117.3	385.9	-977.1	239.7	142.5	239.5	0.0401	0.0171	0.0140	14.37	33.64	41.27	0.00	-0.60	-1.60	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
27424	754.0	317.3	-861.4	143.7	201.6	-204.9	0.0288	0.0171	0.0022	29.50	32.23	31.50	0.00	-0.22	-1.04	15.0
27425	718.4	339.6	-845.8	123.3	-214.7	-231.0	0.0288	0.0171	0.0022	30.55	39.37	39.21	0.00	-0.39	-1.04	15.0
27426	649.2	350.2	-837.9	87.4	-227.2	-248.8	0.0288	0.0171	0.0022	27.81	37.83	37.83	0.00	-0.32	-1.05	15.0
27427	757.0	326.2	-848.3	141.4	-195.9	-214.6	0.0288	0.0171	0.0022	31.74	39.34	39.25	0.00	-0.41	-1.03	15.0
27428	714.9	339.0	-839.4	121.3	-219.7	-243.3	0.0288	0.0171	0.0022	30.58	39.92	39.88	0.00	-0.39	-1.05	15.0
27429	635.1	347.6	-834.4	86.0	-231.9	-264.4	0.0288	0.0171	0.0022	26.12	46.90	46.90	0.00	-0.42	-1.09	10.3
27430	736.4	311.0	-842.6	128.0	-203.1	-223.4	0.0288	0.0171	0.0022	30.81	38.41	38.39	0.00	-0.39	-1.03	15.0
27431	697.1	308.1	-837.6	107.9	-228.9	-252.3	0.0288	0.0171	0.0022	29.71	38.63	38.62	0.00	-0.38	-1.06	15.0
27432	636.5	321.1	-832.7	-99.6	-246.8	-278.0	0.0288	0.0171	0.0022	24.86	26.83	0.00	0.00	-0.04	-1.01	12.2
27433	1059.9	405.4	-826.0	-19.7	128.0	-171.8	0.0288	0.0171	0.0045	37.15	62.47	239.49	0.00	-0.64	-1.93	0.0
27434	1023.4	377.8	-829.2	-77.0	-136.2	-172.7	0.0288	0.0171	0.0045	36.10	60.70	232.70	0.00	-0.64	-1.90	0.0
27435	938.2	319.6	-834.7	-142.4	-187.5	-178.4	0.0288	0.0171	0.0045	34.07	57.30	219.65	0.00	-0.65	-1.87	0.0
27436	640.1	117.7	-1445.7	-229.4	-595.1	-464.6	0.0288	0.0171	0.0057	28.32	47.62	144.16	0.00	-0.58	-2.56	0.0
27437	92.9	-260.5	-3147.8	-310.5	-789.0	-348.4	0.0288	0.0171	0.0057	12.57	21.13	63.97	0.00	-0.66	-3.75	0.0
27438	-153.8	-357.2	-3645.1	-309.1	417.2	759.0	0.0288	0.0171	0.0057	2.58	4.34	13.14	0.00	-0.43	-3.95	0.0
27439	120.5	-53.8	-2180.3	-203.0	700.6	868.1	0.0288	0.0171	0.0057	11.57	19.45	58.88	0.00	-0.10	-3.01	0.0
27440	443.0	178.7	-1230.4	-76.6	388.4	438.3	0.0288	0.0171	0.0022	18.41	30.96	237.39	0.00	-0.23	-1.97	0.0
27441	638.2	262.1	-1020.8	137.5	319.4	262.2	0.0288	0.0171	0.0022	30.50	36.92	36.87	0.00	-0.46	-1.26	15.0
27442	742.2	302.1	-881.1	150.8	210.0	185.5	0.0288	0.0171	0.0022	31.55	37.35	37.32	0.00	-0.42	-1.05	15.0
27443	664.2	-112.5	-2112.3	-47.4	-106.7	-800.5	0.0266	0.0171	0.0057	25.14	39.05	118.19	0.00	-0.50	-3.07	0.0
27444	622.0	-123.9	-2125.6	-108.9	-146.2	-802.2	0.0266	0.0171	0.0057	23.98	37.25	112.76	0.00	-0.49	-3.06	0.0
27445	515.1	-138.9	-2139.1	-182.2	-206.1	-797.0	0.0266	0.0171	0.0057	21.14	32.84	99.40	0.00	-0.45	-3.00	0.0
27446	212.2	-270.2	-2923.9	-241.3	-574.9	-367.1	0.0266	0.0171	0.0057	13.74	21.34	64.59	0.00	-0.63	-3.45	0.0
27447	104.8	-212.1	-2933.2	-238.6	520.8	477.0	0.0288	0.0171	0.0057	8.86	14.89	45.09	0.00	-0.44	-3.36	0.0
27448	403.3	159.4	-1418.0	-172.0	607.5	411.0	0.0288	0.0171	0.0057	20.60	34.64	104.85	0.00	-0.33	-2.30	0.0
27449	602.9	352.1	-822.4	-84.1	144.7	139.9	0.0288	0.0171	0.0022	22.93	28.31	23.18	0.00	-0.14	-0.93	15.0
27450	657.7	356.5	-918.9	110.6	170.1	165.7	0.0288	0.0171	0.0022	26.52	36.98	36.98	0.00	-0.32	-1.06	10.3
27451	715.8	343.9	-879.8	142.1	164.5	157.5	0.0288	0.0171	0.0022	29.80	36.19	36.18	0.00	-0.36	-1.02	15.0
27452	755.5	326.5	-865.9	149.5	175.6	-181.4	0.0288	0.0171	0.0022	29.33	35.06	0.00	0.00	-0.26	-0.97	13.6
27453	535.7	-91.4	-2108.5	-59.3	113.8	732.5	0.0266	0.0171	0.0057	20.39	31.66	95.85	0.00	-0.40	-2.89	0.0
27454	496.3	-87.4	-2114.6	-102.0	111.1	742.3	0.0266	0.0171	0.0057	19.31	29.99	90.79	0.00	-0.37	-2.88	0.0
27455	413.0	-70.1	-2165.4	-134.0	106.6	791.7	0.0266	0.0171	0.0057	17.05	26.49	80.19	0.00	-0.29	-2.89	0.0
27456	350.0	-7.1	-2133.9	-130.6	207.0	774.5	0.0266	0.0171	0.0057	14.83	23.03	69.70	0.00	-0.17	-2.80	0.0
27457	486.4	203.8	-1392.3	-95.4	524.4	356.5	0.0266	0.0171	0.0057	23.41	36.36	110.07	0.00	-0.34	-2.23	0.0
27458	641.8	366.4	-851.6	-59.2	112.7	-133.7	0.0266	0.0171	0.0022	26.15	30.88	30.86	0.00	-0.18	-0.95	15.0
27459	666.7	378.0	-921.5	81.6	145.3	-129.7	0.0266	0.0171	0.0022	26.50	37.16	0.00	0.00	-0.25	-0.97	6.9
27460	691.8	378.1	-862.9	105.0	-132.8	-159.4	0.0266	0.0171	0.0022	29.61	35.92	35.92	0.00	-0.29	-0.99	13.5
27461	710.6	353.4	-859.8	120.9	-149.6	-169.9	0.0266	0.0171	0.0022	31.18	35.86	35.81	0.00	-0.32	-1.00	15.0
27462	733.7	325.8	-850.1	130.6	-174.6	-192.4	0.0266	0.0171	0.0022	32.51	37.78	37.78	0.00	-0.38	-1.01	13.9
27463	707.4	397.5	-795.5	63.1	86.2	-138.4	0.0266	0.0171	0.0022	27.40	35.71	0.00	0.00	-0.19	-0.84	8.0
27464	686.5	400.8	-792.9	-74.1	-89.4	-134.5	0.0266	0.0171	0.0022	27.11	32.98	0.00	0.00	-0.16	-0.83	11.7
27465	658.2	414.1	-781.8	-75.9	91.2	-141.7	0.0266	0.0171	0.0022	26.56	37.91	37.91	0.00	-0.25	-0.90	7.0
27466	643.6	427.9	-762.0	-60.9	106.9	-165.0	0.0266	0.0171	0.0022	26.61	34.61	34.52	0.00	-0.18	-0.89	15.0
27467	635.2	412.0	-849.7	60.4	-119.5	-136.1	0.0266	0.0171	0.0022	26.20	32.87	32.80	0.00	-0.18	-0.96	15.0
27468	642.4	391.6	-897.8	72.9	128.2	-131.4	0.0266	0.0171	0.0022	25.36	36.29	0.00	0.00	-0.22	-0.94	6.5
27469	659.2	383.0	-854.1	78.0	-120.9	-159.9	0.0266	0.0171	0.0022	27.61	33.52	33.52	0.00	-0.22	-0.97	15.0
27470	662.8	362.5	-855.3	84.7	-132.5	-167.2	0.0266	0.0171	0.0022	27.27	38.40	38.40	0.00	-0.30	-0.99	7.0
27471	666.0	336.2	-847.8	91.7	-150.5	-178.9	0.0266	0.0171	0.0022	27.66	40.11	40.11	0.00	-0.35	-1.00	6.8
27472	673.0	303.5	-844.0	-104.7	-171.8	-199.2	0.0266	0.0171	0.0022	27.57	29.85	0.00	0.00	-0.17	-0.94	11.9
27473	629.9	434.6	-891.3	79.2	86.6	-154.9	0.0266	0.0171	0.0022	25.04	35.57	0.00	0.00	-0.17	-0.93	7.7
27474	623.8	433.3	-884.9	-74.0	-85.4	-155.8	0.0266	0.0171	0.0022	24.76	34.49	0.00	0.00	-0.15	-0.93	8.6
27475	615.7	429.6	-879.4	-75.2	-91.6	-158.3	0.0266	0.0171	0.0022	24.58	33.75	0.00	0.00	-0.14	-0.92	9.6
27476	609.0	419.5	-876.7	-72.8	-101.7	-157.2	0.0266	0.0171	0.0022	24.43	32.13	0.00	0.00	-0.13	-0.92	12.1
27477	608.2	404.3	-857.3	-70.9	-104.7	-161.6	0.0266	0.0171	0.0022	24.18	32.21	0.00	0.00	-0.13	-0.91	9.8
27478	610.1	383.3	-845.9	-73.5	-116.6	-163.9	0.0266	0.0171	0.0022	24.44	30.54	0.00	0.00	-0.12	-0.90	12.2
27479	610.8	359.5	-848.3	-81.6	-119.3	-165.9	0.0266	0.0171	0.0022	24.34	32.76	0.00	0.00	-0.18	-0.91	8.1
27480	609.8	336.6	-841.6	-93.7	-132.9	-174.0	0.0266	0.0171	0.0022	24.60	32.56	0.00	0.00	-0.19	-0.91	8.7
27481	605.4	310.6	-838.9	-107.8	-145.5	-182.6	0.0266	0.0171	0.0022	25.33	28.26	28.13	0.00	-0.17	-0.98	15.0
27482	599.4	277.7	-837.1	-125.0	-161.4	-199.0	0.0266	0.0171	0.0022	25.20	29.99	0.00	0.00	-0.20	-0.94	11.6
27483	566.6	392.7	-852.2	96.8	103.4	-168.1	0.0266	0.0171	0.0022	22.94	35.63	273.18	0.00	-0.23	-1.49	0.0
27484	568.5	387.3	-846.8	-100.2	99.1	-169.2	0.0266	0.0171	0.0022	24.99	33.98	33.98	0.00	-0.25	-0.97	10.4
27485	569.2	378.8	-842.0	-106.2	-102.6	-170.6	0.0266	0.0171	0.0022	23.19	36.02	276.21	0.00	-0.25	-1.49	0.0
27486	567.8	369.2	-837.4	-108.5	-108.1	-172.1	0.0266	0.0171	0.0022	23.16	35.98	275.84	0.00	-0.26	-1.49	0.0
27487	564.8	358.0	-836.3	-109.6	-114.9	-172.7	0.0266	0.0171	0.0022	23.05	35.80	274.46	0.00	-0.27	-1.49	0.0
27488	561.7	344.3	-834.3	-111.5	-121.1	-173.8	0.0266	0.0171	0.0022	22.94	35.62	273.14	0.00	-0.28	-1.48	0.0
27489	558.5	327.7	-830.7	-115.7	-128.5	-175.9	0.0266	0.0171	0.0022	22.87	35.53	272.39	0.00	-0.29	-1.48	0.0
27490	553.6	308.5	-829.3	-122.3	-135.2	-179.3	0.0266	0.0171	0.0022	22.80	35.41	271.53	0.00	-0.31	-1.48	0.0
27491	545.6	286.2	-827.8	-130.3	-144.0	-185.3	0.0266	0.0171	0.0022	22.65	35.19	269.78	0.00	-0.32	-1.48	0.0
27492	533.5	257.8	-828.0	-138.0	-154.0	-195.5	0.0266	0.0171	0.0022	22.34	34.70	266.04	0.00	-0.34	-1.48	0.0
27493	430.1	264.9	-827.7	-125.4	-213.4	-214.1	0.0288	0.0171	0.0022	17.52	29.47	225.92	0.00	-0.23	-1.41	0.0
27494	383.5	260.8	-829.4	-109.4	-204.3	-212.5	0.0288	0.0171	0.0022	15.71	26.42	202.56	0.00	-0.18	-1.36	0.0
27495	369.3	243.9	-833.0	-111.2	-207.9	-221.3	0.0266	0.0171	0.0022	16.51	25.64	196.59	0.00	-0.18	-1.36	0.0
27496	478.5	281.5	-832.8	-90.4	-224.6	-228.6	0.0288	0.0171	0.0022	18.36	30.87	236.72	0.00	-0.21	-1.45	0.0
27497	433.7	280.0	-833.9	-80.4	-223.4	-236.2	0.0288	0.0171	0.0022	16.73	28.13	215.67	0.00	-0.16	-1.40	0.0
27498	415.0	260.9	-837.4	-89.3	-230.3	-247.7	0.0288	0.0171	0.0022	16.27	27.36	209.75	0.00	-0.16	-1.40	0.0
27499	551.2	320.8	-835.6	-67.8	-231.4	-246.9	0.0288	0.0171	0.0022	20.55	34.56	265.01	0.00	-0.22	-1.52	0.0
27500	517.0	316.8	-835.3	-64.1	-234.2	-260.8	0.0288	0.0171	0.0022	19.39	32.61	249.99	0.00	-0.19	-1.49	0.0
27501	480.5	290.0	-837.9	-66.9	-247.0	-275.7	0.0288	0.0171	0.0022	18.29	30.75	235.80	0.00	-0.17	-1.47	0.0
27502	510.9	229.6	-830.2	-139.3	-165.7	-210.2	0.0266	0.0171	0.0022	21.52	33.42	256.27	0.00	-0.34	-1.47	0.0
27503	579.5	256.4	-837.9	-133.7	-180.0	-222.9	0.0266	0.0171	0.0022	24.74	29.19	0.00	0.00	-0.20	-0.96	11.7
27504	662.8	284.8	-841.9	-123.0	-197.1	-229.6	0.0266	0.0171	0.0022	27.39	34.44	0.00	0.00	-0.23	-0.98	11.2
27505	473.0	225.0	-833.6	-133.1	-179.8	-224.1	0.0266	0.0171	0.0022	20.14	31.28	239.83	0.00	-0.30	-1.44	0.0
27506	536.6	261.3	-840.3	-129.6	-199.9	-245.1	0.0266	0.0171	0.0022	22.39	34.77	266.62	0.00	-0.31	-1.52	0.0
27507	618.7	278.4	-841.7	-123.1	-220.7	-256.5	0.0266	0.0171	0.0022	26.49	27.26	0.00	0.00	-0.12	-1.00	15.0
27508	419.4	232.3	-835.7	-125.2	-196.9	-229.7	0.0266	0.0171	0.0022	18.32	28.45	218.11	0.00	-0.24	-1.41	0.0
27509	475.7	257.4	-841.2	-116.4	-219.4	-255.5	0.0266	0.0171	0.0022	20.13	31.26	239.68	0.00	-0.24	-1.47	0.0
27510	554.2	279.2	-843.1	-113.7	-241.9	-276.3	0.0266	0.0171	0.0022	22.96	35.66	273.45	0.00	-0.28	-1.56	0.0
27519	418.3	231.3	-834.4	-110.6	-216.0	-237.8	0.0161	0.0130	0.0127	29.77	36.79	37.67	0.00	-0.22	-1.40	0.0
27588	406.4	230.3	-829.4	-115.3	-222.9	-240.7	0.0156	0.0132	0.0127	30.20	35.69	37.17	0.00	-0.21	-1.40	0.0
27597	407.4	228.4	-832.9	-113.7	-214.7	-242.7	0.0143	0.0128	0.0127	32.84	36.77	37.01	0.00	-0.21	-1.40	0.0
27606	306.8	198.1	-858.2	-120.7	-204.3	-229.7	0.0161	0.0130	0.0127	24.08	29.76	30.47	0.00	-0.18	-1.33	0.0
27675	288.3	196.9	-839.0	-117.1	-216.0	-237.0	0.0156	0.0132	0.0127	23.70	28.01	29.17	0.00	-0.16	-1.31	0.0
27684	298.1	189.0	-843.5	-121.6	-209.4	-239.5	0.0143	0.0128	0.0127	26.48	29.64	29.84	0.00	-0.18	-1.32	0.0
27749	44.6	197.2	-706.0	-93.8	-83.2	-135.4	0.0115	0.0153	0.0127	21.82	16.34	19.70	0.00	-0.23	-0.99	0.0
27750	60.0	186.1	-735.9	-106.4	-88.6	-131.4	0.0127	0.0147	0.0127	19.84	17.15	19.84	0.00	-0.23	-1.02	0.0
27751	77.4	172.4	-755.3	-115.9	-91.1	-121.6	0.0119	0.0140	0.0127	21.30	18.03	19.90	0.00	-0.23	-1.04	0.0
27752	95.5	155.3	-769.3	-122.1	-92.5	-110.7	0.0133	0.0133	0.0127	18.92	18.96	19.83	0.00	-0.23	-1.05	0.0
27753	114.4	137.5	-782.1	-125.5	-94.6	-102.3	0.0148	0.0125	0.0127	17.00	20.11	19.84	0.00	-0.23	-1.06	0.0
27754	133.8	120.6	-794.0	-126.6	-97.2	-95.3	0.0164	0.0118	0.0127	15.51	21.58	19.99	0.00	-0.23	-1.07	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
27755	154.0	104.6	-804.5	-126.1	-99.0	-88.4	0.0179	0.0110	0.0127	14.42	23.47	20.32	0.00	-0.24	-1.08	0.0
27756	175.5	89.0	-813.6	-124.0	-99.0	-81.1	0.0194	0.0103	0.0127	13.64	25.81	20.83	0.00	-0.25	-1.10	0.0
27757	198.0	73.3	-821.4	-119.4	-96.8	-73.7	0.0208	0.0095	0.0127	13.07	28.53	21.42	0.00	-0.26	-1.11	0.0
27758	220.4	57.7	-828.4	-111.7	-92.5	-66.5	0.0222	0.0089	0.0127	12.63	31.51	22.02	0.00	-0.27	-1.12	0.0
27759	241.6	43.0	-834.9	-100.8	-86.3	-59.9	0.0233	0.0083	0.0127	12.28	34.62	22.56	0.00	-0.28	-1.13	0.0
27760	260.7	29.6	-841.9	-86.5	-78.0	-54.3	0.0244	0.0078	0.0127	11.99	37.65	23.00	0.00	-0.28	-1.14	0.0
27761	276.2	18.3	-849.7	-69.1	-67.3	-49.6	0.0252	0.0073	0.0127	11.73	40.36	23.30	0.00	-0.29	-1.15	0.0
27762	284.8	8.9	-868.1	-47.8	80.0	-47.0	0.0259	0.0070	0.0127	11.55	42.72	23.55	0.00	-0.30	-1.18	0.0
27763	303.5	-1.7	-919.8	-23.2	98.7	-52.6	0.0263	0.0068	0.0127	11.91	46.27	24.69	0.00	-0.32	-1.24	0.0
27764	330.6	2.9	-981.5	-8.7	84.2	-51.0	0.0266	0.0067	0.0127	12.66	50.45	26.47	0.00	-0.33	-1.33	0.0
27829	50.6	225.1	-799.2	-109.7	-81.2	-156.8	0.0115	0.0153	0.0127	25.20	18.87	22.75	0.00	-0.27	-1.12	0.0
27830	66.5	207.9	-825.8	-120.1	-83.4	-144.9	0.0127	0.0147	0.0127	22.30	19.28	22.30	0.00	-0.26	-1.14	0.0
27831	80.8	185.0	-836.0	-124.9	-83.8	-125.3	0.0119	0.0140	0.0127	22.87	19.36	21.36	0.00	-0.25	-1.13	0.0
27832	99.1	163.2	-845.6	-130.5	-85.2	-112.0	0.0133	0.0133	0.0127	20.02	20.06	20.99	0.00	-0.25	-1.13	0.0
27833	119.2	142.7	-855.5	-133.6	-88.0	-102.7	0.0148	0.0125	0.0127	17.89	21.16	20.88	0.00	-0.25	-1.14	0.0
27834	139.8	124.3	-865.0	-133.6	-91.6	-95.2	0.0164	0.0118	0.0127	16.24	22.59	20.92	0.00	-0.25	-1.15	0.0
27835	160.5	107.7	-873.9	-131.5	-94.7	-87.8	0.0179	0.0110	0.0127	15.00	24.41	21.13	0.00	-0.25	-1.16	0.0
27836	182.1	91.9	-882.0	-127.9	-96.5	-80.0	0.0194	0.0103	0.0127	14.10	26.68	21.53	0.00	-0.26	-1.17	0.0
27837	204.7	76.4	-889.4	-122.3	-96.7	-71.9	0.0208	0.0095	0.0127	13.46	29.40	22.07	0.00	-0.26	-1.19	0.0
27838	227.6	61.4	-896.3	-114.1	-95.5	-64.0	0.0222	0.0089	0.0127	13.02	32.48	22.70	0.00	-0.27	-1.20	0.0
27839	250.1	47.4	-902.9	-103.1	-93.0	-56.3	0.0233	0.0083	0.0127	12.71	35.84	23.36	0.00	-0.28	-1.21	0.0
27840	271.3	35.0	-909.0	-89.2	93.2	-48.9	0.0244	0.0078	0.0127	12.72	39.93	24.40	0.00	-0.30	-1.23	0.0
27841	289.6	24.2	-917.6	-71.8	98.1	-42.7	0.0252	0.0073	0.0127	12.55	43.19	24.93	0.00	-0.31	-1.24	0.0
27842	303.0	17.6	-920.1	-52.6	105.4	-34.3	0.0259	0.0070	0.0127	12.43	45.97	25.34	0.00	-0.31	-1.25	0.0
27843	285.5	8.7	-985.3	-21.1	164.3	-37.8	0.0263	0.0068	0.0127	11.71	45.51	24.29	0.00	-0.30	-1.32	0.0
27844	347.3	-37.8	-1183.0	47.2	184.8	-98.3	0.0266	0.0067	0.0127	14.01	55.85	29.30	0.00	-0.40	-1.59	0.0
27845	389.7	264.7	-822.3	-153.4	-203.0	-208.1	0.0288	0.0171	0.0022	17.20	28.92	221.75	0.00	-0.26	-1.40	0.0
27846	349.3	252.1	-822.9	-134.9	-185.1	-195.9	0.0288	0.0171	0.0022	15.47	26.01	199.46	0.00	-0.22	-1.34	0.0
27847	339.8	235.6	-825.0	-131.7	-185.4	-197.8	0.0266	0.0171	0.0022	16.20	25.17	192.97	0.00	-0.22	-1.33	0.0
27848	370.4	212.1	-827.0	-135.0	-177.4	-204.3	0.0266	0.0171	0.0022	16.93	26.29	201.59	0.00	-0.25	-1.35	0.0
27849	413.5	201.5	-825.6	-138.1	-165.7	-204.4	0.0266	0.0171	0.0022	18.22	28.29	216.94	0.00	-0.29	-1.38	0.0
27850	446.4	209.4	-822.8	-144.0	-157.1	-198.8	0.0266	0.0171	0.0022	19.44	30.19	231.47	0.00	-0.32	-1.40	0.0
27851	468.3	230.2	-820.6	-146.6	-151.0	-191.9	0.0266	0.0171	0.0022	20.32	31.56	241.94	0.00	-0.33	-1.42	0.0
27852	483.2	251.4	-819.7	-144.4	-146.0	-186.4	0.0266	0.0171	0.0022	20.85	32.38	248.25	0.00	-0.32	-1.43	0.0
27853	494.4	268.6	-819.9	-139.6	-141.7	-182.8	0.0266	0.0171	0.0022	21.16	32.86	251.97	0.00	-0.31	-1.43	0.0
27854	503.0	282.9	-821.1	-134.5	-137.6	-180.5	0.0266	0.0171	0.0022	21.37	33.19	254.51	0.00	-0.30	-1.44	0.0
27855	510.3	294.5	-822.7	-130.2	-133.6	-178.9	0.0266	0.0171	0.0022	21.54	33.45	256.51	0.00	-0.30	-1.44	0.0
27856	516.4	303.8	-825.6	-126.5	-129.6	-177.6	0.0266	0.0171	0.0022	21.68	33.67	258.17	0.00	-0.29	-1.45	0.0
27857	520.9	312.3	-829.7	-123.6	-125.6	-176.3	0.0266	0.0171	0.0022	21.78	33.83	259.42	0.00	-0.28	-1.45	0.0
27858	521.8	322.4	-833.7	-120.4	126.4	-174.8	0.0266	0.0171	0.0022	22.69	35.25	270.25	0.00	-0.33	-1.47	0.0
27859	517.7	335.4	-838.1	-112.7	129.1	-171.3	0.0266	0.0171	0.0022	22.45	34.87	267.36	0.00	-0.31	-1.47	0.0
27860	512.0	346.3	-843.0	-95.0	133.4	-167.2	0.0266	0.0171	0.0022	21.85	33.94	260.23	0.00	-0.27	-1.46	0.0
27861	347.8	270.1	-818.6	-169.3	-190.5	-203.1	0.0288	0.0171	0.0022	16.77	28.21	216.27	0.00	-0.27	-1.38	0.0
27862	315.5	247.0	-817.1	-151.8	-165.8	-183.6	0.0288	0.0171	0.0022	15.17	25.52	195.65	0.00	-0.25	-1.32	0.0
27863	308.2	230.7	-817.2	-146.9	-164.1	-179.7	0.0266	0.0171	0.0022	15.85	24.62	188.80	0.00	-0.25	-1.30	0.0
27864	326.9	210.0	-818.1	-144.9	-159.4	-182.6	0.0266	0.0171	0.0022	16.00	24.85	190.50	0.00	-0.26	-1.30	0.0
27865	357.8	194.8	-818.0	-144.9	-153.2	-185.3	0.0266	0.0171	0.0022	16.69	25.92	198.72	0.00	-0.28	-1.32	0.0
27866	385.2	192.9	-816.9	-148.1	-148.4	-184.7	0.0266	0.0171	0.0022	17.56	27.28	209.13	0.00	-0.30	-1.34	0.0
27867	405.4	200.4	-816.0	-150.5	-145.1	-182.2	0.0266	0.0171	0.0022	18.29	28.41	217.82	0.00	-0.31	-1.36	0.0
27868	420.7	210.6	-815.7	-148.9	-142.7	-179.6	0.0266	0.0171	0.0022	18.78	29.17	223.62	0.00	-0.32	-1.37	0.0
27869	433.4	219.7	-816.3	-143.7	-140.6	-177.5	0.0266	0.0171	0.0022	19.07	29.62	227.13	0.00	-0.31	-1.37	0.0
27870	444.8	227.2	-817.7	-136.6	-138.4	-176.1	0.0266	0.0171	0.0022	19.26	29.92	229.41	0.00	-0.30	-1.38	0.0
27871	455.4	233.0	-819.9	-128.6	-136.1	-175.0	0.0266	0.0171	0.0022	19.41	30.15	231.15	0.00	-0.30	-1.38	0.0
27872	465.7	237.7	-822.8	-120.6	135.7	-174.0	0.0266	0.0171	0.0022	20.51	31.86	244.25	0.00	-0.35	-1.41	0.0
27873	475.5	242.3	-826.2	-113.7	137.8	-172.7	0.0266	0.0171	0.0022	20.65	32.08	245.94	0.00	-0.34	-1.41	0.0
27874	481.7	250.5	-830.6	-109.0	140.1	-171.4	0.0266	0.0171	0.0022	20.78	32.27	247.42	0.00	-0.34	-1.42	0.0
27875	478.8	267.1	-835.6	-102.2	142.3	-167.0	0.0266	0.0171	0.0022	20.60	32.00	245.35	0.00	-0.31	-1.42	0.0
27876	471.1	285.8	-839.8	-79.7	145.3	-156.7	0.0266	0.0171	0.0022	19.84	30.82	236.32	0.00	-0.26	-1.40	0.0
27877	309.5	275.2	-817.1	-178.7	178.9	-195.0	0.0288	0.0171	0.0022	18.18	30.57	234.40	0.00	-0.41	-1.39	0.0
27878	278.6	244.9	-814.2	-159.7	-144.5	-171.8	0.0288	0.0171	0.0022	14.66	24.66	189.07	0.00	-0.27	-1.29	0.0
27879	272.2	228.1	-812.8	-154.0	-142.8	-164.7	0.0266	0.0171	0.0022	15.25	23.68	181.60	0.00	-0.26	-1.27	0.0
27880	286.3	210.4	-813.0	-151.3	-140.4	-164.4	0.0266	0.0171	0.0022	15.20	23.61	181.03	0.00	-0.26	-1.27	0.0
27881	310.5	194.2	-813.1	-149.9	-137.2	-165.6	0.0266	0.0171	0.0022	15.54	24.14	185.10	0.00	-0.27	-1.28	0.0
27882	334.2	185.0	-812.9	-150.4	-134.6	-165.8	0.0266	0.0171	0.0022	16.09	25.00	191.66	0.00	-0.29	-1.29	0.0
27883	353.4	182.9	-812.8	-150.9	-132.8	-164.7	0.0266	0.0171	0.0022	16.63	25.83	198.01	0.00	-0.30	-1.30	0.0
27884	369.2	184.1	-813.1	-148.6	-131.7	-163.1	0.0266	0.0171	0.0022	17.02	26.44	202.70	0.00	-0.31	-1.31	0.0
27885	383.3	185.9	-814.1	-143.0	132.3	-161.6	0.0266	0.0171	0.0022	18.31	28.44	218.03	0.00	-0.37	-1.34	0.0
27886	396.7	187.1	-815.9	-134.8	133.7	-160.4	0.0266	0.0171	0.0022	18.45	28.66	219.73	0.00	-0.36	-1.34	0.0
27887	410.0	187.6	-818.3	-125.2	135.4	-159.4	0.0266	0.0171	0.0022	18.56	28.83	221.05	0.00	-0.35	-1.35	0.0
27888	423.2	187.6	-821.6	-115.0	137.2	-158.6	0.0266	0.0171	0.0022	18.68	29.02	222.47	0.00	-0.35	-1.35	0.0
27889	436.7	187.9	-825.2	-105.4	138.6	-157.2	0.0266	0.0171	0.0022	18.85	29.28	224.49	0.00	-0.34	-1.36	0.0
27890	449.3	192.1	-830.0	-100.7	139.8	-155.4	0.0266	0.0171	0.0022	19.15	29.75	228.08	0.00	-0.34	-1.37	0.0
27891	447.6	210.8	-837.6	-100.9	143.0	-154.4	0.0266	0.0171	0.0022	19.22	29.85	228.89	0.00	-0.33	-1.38	0.0
27892	430.3	242.8	-844.4	-78.6	142.6	-132.7	0.0266	0.0171	0.0022	18.18	28.23	216.44	0.00	-0.26	-1.36	0.0
27893	268.6	281.7	-824.7	-184.8	169.9	-188.1	0.0288	0.0171	0.0022	17.65	29.67	227.51	0.00	-0.42	-1.38	0.0
27894	233.7	243.6	-820.1	-161.2	129.7	-160.5	0.0288	0.0171	0.0022	15.06	25.32	194.12	0.00	-0.36	-1.29	0.0
27895	230.7	225.1	-817.4	-154.1	130.2	-150.2	0.0266	0.0171	0.0022	15.56	24.16	185.26	0.00	-0.34	-1.26	0.0
27896	245.0	209.6	-817.2	-151.1	129.9	-146.7	0.0266	0.0171	0.0022	15.42	23.96	183.68	0.00	-0.33	-1.26	0.0
27897	266.0	193.8	-817.6	-148.8	129.4	-145.3	0.0266	0.0171	0.0022	15.52	24.11	184.83	0.00	-0.34	-1.26	0.0
27898	287.3	180.5	-817.9	-146.9	129.2	-144.0	0.0266	0.0171	0.0022	15.75	24.46	187.56	0.00	-0.34	-1.27	0.0
27899	305.8	171.5	-818.4	-144.8	130.0	-142.1	0.0266	0.0171	0.0022	16.02	24.88	190.79	0.00	-0.34	-1.28	0.0
27900	322.2	165.5	-819.3	-141.0	131.5	-139.8	0.0266	0.0171	0.0022	16.25	25.25	193.57	0.00	-0.35	-1.28	0.0
27901	337.8	160.7	-820.7	-134.7	133.3	-137.5	0.0266	0.0171	0.0022	16.43	25.52	195.65	0.00	-0.35	-1.29	0.0
27902	353.2	156.2	-822.8	-126.0	135.2	-135.3	0.0266	0.0171	0.0022	16.57	25.73	197.29	0.00	-0.34	-1.29	0.0
27903	368.7	151.7	-825.6	-115.9	137.1	-133.3	0.0266	0.0171	0.0022	16.70	25.94	198.92	0.00	-0.34	-1.30	0.0
27904	384.3	147.5	-828.9	-105.1	138.9	-131.2	0.0266	0.0171	0.0022	16.87	26.21	200.95	0.00	-0.34	-1.31	0.0
27905	399.8	143.8	-834.2	-94.7	140.9	-131.0	0.0266	0.0171	0.0022	17.11	26.57	203.71	0.00	-0.34	-1.32	0.0
27906	418.3	141.6	-834.6	-87.1	139.6	-123.7	0.0266	0.0171	0.0022	17.50	27.18	208.38	0.00	-0.34	-1.33	0.0
27907	425.6	156.6	-859.6	-96.4	148.8	-134.6	0.0266	0.0171	0.0022	18.11	28.13	215.71	0.00	-0.35	-1.37	0.0
27908	390.1	200.2	-874.1	-87.6	162.3	-113.9	0.0266	0.0171	0.0022	17.01	26.41	202.53	0.00	-0.28	-1.36	0.0
27909	193.9	292.4	-861.5	-190.8	121.9	211.5	0.0288	0.0171	0.0022	15.53	26.12	200.28	0.00	-0.35	-1.37	0.0
27910	165.5	229.9	-854.5	-156.2	100.7	-166.1	0.0288	0.0171	0.0022	13.44	22.60	173.25	0.00	-0.35	-1.27	0.0
27911	176.6	209.9	-853.0	-149.9	110.3	-150.2	0.0266	0.0171	0.0022	13.99	21.73	166.59	0.00	-0.33	-1.25	0.0
27912	194.3	197.5	-855.1	-146.2	116.2	-141.0	0.0266	0.0171	0.0022	13.88	21.55	165.25	0.00	-0.32	-1.25	0.0
27913	215.0	183.5	-857.8	-142.3	122.0	-134.1	0.0266	0.0171	0.0022	13.87	21.54	165.13	0.00	-0.31	-1.25	0.0
27914	235.2	168.5	-860.8	-137.4	127.9	-127.8	0.0266	0.0171	0.0022	13.89	21.57	165.35	0.00	-0.31	-1.26	0.0
27915	254.0	154.5	-863.9	-131.5	134.0	-121.2	0.0266	0.0171	0.0022	13.94	21.66	166.04	0.00	-0.31	-1.26	0.0
27916	272.2	142.2	-867.2	-124.7	139.9	-114.2	0.0266	0.0171	0.0022	14.04	21.81	167.25	0.00	-0.31	-1.27	0.0
27917	290.4	131.2	-870.6	-116.4	145.4	-106.9	0.0266	0.0171	0.0022	14.19	22.04	168.96	0.00	-0.31	-1.27	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
27918	308.7	121.1	-874.4	-107.3	150.5	-99.5	0.0266	0.0171	0.0022	14.38	22.34	171.29	0.00	-0.31	-1.28	0.0
27919	326.8	111.6	-878.4	-98.2	155.0	-92.3	0.0266	0.0171	0.0022	14.65	22.76	174.51	0.00	-0.32	-1.29	0.0
27920	344.5	102.7	-883.4	-89.8	159.1	-86.0	0.0266	0.0171	0.0022	15.00	23.29	178.59	0.00	-0.33	-1.31	0.0
27921	361.9	96.0	-885.9	-81.7	163.1	-77.9	0.0266	0.0171	0.0022	15.39	23.91	183.32	0.00	-0.34	-1.32	0.0
27922	377.5	86.0	-904.6	-73.2	168.4	-83.7	0.0266	0.0171	0.0022	15.80	24.54	188.12	0.00	-0.35	-1.35	0.0
27923	401.5	99.8	-844.8	-67.9	162.4	110.1	0.0266	0.0171	0.0022	16.21	25.17	193.02	0.00	-0.33	-1.31	0.0
27924	325.4	87.4	-1408.4	-90.9	420.4	-271.9	0.0266	0.0171	0.0022	18.16	28.20	216.25	0.00	-0.42	-2.03	0.0
27925	-12.0	-70.6	-891.9	-70.2	-66.9	-793.2	0.0331	0.0462	0.0055	12.49	8.95	75.81	0.00	-0.42	-1.79	0.0
27926	166.1	344.9	-370.2	-18.8	-18.7	-146.5	0.0331	0.0462	0.0055	11.33	8.11	68.72	0.00	-0.21	-0.77	0.0
27927	150.7	260.1	-404.5	24.0	-17.9	289.0	0.0331	0.0462	0.0055	11.16	7.99	67.73	0.00	-0.22	-0.88	0.0
27928	-72.3	-362.6	-1040.3	75.8	-64.8	1040.8	0.0331	0.0462	0.0055	11.91	8.53	72.29	0.00	-0.46	-2.20	0.0
27929	-55.1	-80.1	-952.2	-82.5	-74.7	-826.3	0.0331	0.0462	0.0055	12.70	9.09	77.07	0.00	-0.47	-1.88	0.0
27930	120.9	346.5	-409.1	-19.2	-35.5	-156.2	0.0331	0.0462	0.0055	11.42	8.18	69.31	0.00	-0.26	-0.82	0.0
27931	106.8	263.7	-443.1	37.1	-32.5	296.2	0.0331	0.0462	0.0055	11.29	8.08	68.48	0.00	-0.27	-0.93	0.0
27932	-111.8	-366.9	-1100.2	100.1	-66.9	1071.5	0.0331	0.0462	0.0055	12.16	8.71	73.80	0.00	-0.51	-2.28	0.0
27933	-149.2	-99.7	-1055.2	-84.5	-133.4	-822.3	0.0331	0.0462	0.0055	11.29	8.08	68.51	0.00	-0.51	-1.92	0.0
27934	4.8	320.2	-509.1	-14.8	-127.1	-152.1	0.0331	0.0462	0.0055	10.50	7.52	63.69	0.00	-0.31	-0.91	0.0
27935	-7.3	242.6	-542.7	49.4	-121.8	288.3	0.0331	0.0462	0.0055	10.19	7.30	61.86	0.00	-0.32	-1.00	0.0
27936	-200.1	-372.9	-1202.9	116.1	-119.1	1063.1	0.0331	0.0462	0.0055	10.72	7.68	65.06	0.00	-0.54	-2.30	0.0
27937	-382.0	-154.8	-1320.7	-67.4	-355.0	-732.8	0.0331	0.0462	0.0055	6.50	4.65	39.43	0.00	-0.52	-1.98	0.0
27938	-292.8	213.3	-830.2	6.7	-441.6	-122.1	0.0331	0.0462	0.0055	7.15	5.12	43.41	0.00	-0.30	-1.32	0.0
27939	-304.7	145.9	-865.2	64.8	-436.2	260.0	0.0331	0.0462	0.0055	6.45	4.62	39.12	0.00	-0.30	-1.37	0.0
27940	-429.4	-399.2	-1471.6	120.6	-336.3	968.2	0.0331	0.0462	0.0055	5.42	3.88	32.90	0.00	-0.54	-2.29	0.0
27941	-951.2	-352.5	-2192.1	-37.3	-1141.2	-508.3	0.0331	0.0462	0.0055				-0.05	-0.50	-2.95	
27942	-977.3	-120.3	-1883.9	28.2	-1395.6	-65.3	0.0331	0.0462	0.0055	1.75	1.25	10.60	0.00	-0.20	-2.96	0.0
27943	-995.8	-173.7	-1931.2	107.1	-1401.2	239.4	0.0331	0.0462	0.0055	0.89	0.63	5.37	0.00	-0.19	-2.99	0.0
27944	-1012.2	-547.4	-2369.6	136.7	-1143.7	754.8	0.0331	0.0462	0.0055				-0.11	-0.60	-3.22	
27945	-2178.9	-1541.1	-8351.1	-61.5	-3712.0	-293.3	0.0331	0.0462	0.0055				-0.43	-1.54	-10.10	
27946	-2377.9	-1543.0	-8605.0	93.4	-4164.6	192.3	0.0331	0.0462	0.0055				-0.29	-1.54	-10.70	
27947	-2416.0	-1597.2	-8762.2	218.7	-4215.4	386.9	0.0331	0.0462	0.0055				-0.31	-1.58	-10.89	
27948	-2292.3	-1713.1	-8829.5	269.7	-3839.6	687.6	0.0331	0.0462	0.0055				-0.52	-1.65	-10.66	
27949	-1560.5	-2290.5	-13680.0	179.4	819.9	415.1	0.0331	0.0462	0.0055				-1.45	-2.33	-13.75	
27950	-1559.4	-2368.1	-14090.0	88.7	776.1	409.7	0.0331	0.0462	0.0055				-1.50	-2.37	-14.15	
27951	-1590.7	-2416.9	-14355.8	-66.4	800.0	403.1	0.0331	0.0462	0.0055				-1.54	-2.41	-14.42	
27952	-1656.6	-2433.9	-14475.4	-165.6	895.0	388.7	0.0331	0.0462	0.0055				-1.57	-2.44	-14.55	
27953	-6236.2	-2314.3	-8869.9	-332.3	5843.2	763.5	0.0331	0.0462	0.0057				-1.50	-2.32	-13.60	
27954	-6385.6	-2425.6	-9442.4	-228.1	5752.6	338.7	0.0331	0.0462	0.0057				-1.96	-2.41	-13.88	
27955	-6504.4	-2472.2	-9604.3	265.7	5885.2	187.5	0.0331	0.0462	0.0057				-1.81	-2.63	-14.14	
27956	-6593.3	-2454.5	-9358.6	382.2	6243.5	-510.2	0.0331	0.0462	0.0057				-1.58	-2.42	-14.40	
27957	-3427.9	-1158.0	-3458.7	-129.0	1859.2	252.2	0.0331	0.0462	0.0057				-1.12	-1.60	-5.32	
27958	-3524.2	-1192.9	-3561.8	185.7	2294.6	93.5	0.0331	0.0462	0.0057				-1.02	-1.42	-5.84	
27959	-3571.3	-1216.8	-3593.0	223.1	2340.4	107.6	0.0331	0.0462	0.0057				-0.99	-1.46	-5.92	
27960	-3569.6	-1230.4	-3553.9	281.1	1998.1	-157.8	0.0331	0.0462	0.0057				-1.19	-1.58	-5.58	
27961	-2059.3	-811.7	-2379.1	201.5	1355.2	-411.7	0.0331	0.0462	0.0057				-0.67	-0.93	-3.65	
27962	-1941.6	-671.9	-1584.9	195.1	1598.1	46.9	0.0331	0.0462	0.0057				-0.11	-0.72	-3.38	
27963	-1955.8	-690.3	-1597.1	183.5	1617.6	49.1	0.0331	0.0462	0.0057				-0.11	-0.73	-3.41	
27964	-2102.1	-867.0	-2416.3	172.9	1414.3	445.7	0.0331	0.0462	0.0057				-0.42	-1.27	-3.70	
27965	-1041.6	-449.2	-981.7	191.8	976.0	-338.9	0.0331	0.0462	0.0057				0.00	-0.40	-2.07	
27966	-863.5	-330.9	-509.6	177.4	622.6	-44.5	0.0331	0.0462	0.0057				-0.02	-0.32	-1.36	
27967	-862.2	-345.2	-514.9	159.1	631.4	52.1	0.0331	0.0462	0.0057	0.59	0.42	3.44	0.00	-0.41	-1.37	0.0
27968	-1038.1	-491.9	-997.8	138.7	1002.5	345.2	0.0331	0.0462	0.0057	5.04	3.61	29.46	0.00	-0.83	-2.20	0.0
27969	-348.5	-237.4	-307.5	151.4	351.8	-54.9	0.0331	0.0462	0.0022	1.24	0.88	18.31	0.00	-0.25	-0.77	0.0
27970	-320.7	-204.6	-272.2	146.3	301.3	-51.2	0.0331	0.0462	0.0022	0.76	0.54	11.22	0.00	-0.20	-0.67	0.0
27971	-312.8	-215.3	-274.9	143.0	305.1	43.6	0.0331	0.0462	0.0022	2.18	1.56	32.27	0.00	-0.33	-0.69	0.0
27972	-325.3	-269.5	-315.9	132.0	363.4	46.7	0.0331	0.0462	0.0022	2.65	1.90	39.32	0.00	-0.39	-0.78	0.0
27973	-43.9	-156.5	-166.1	140.3	118.2	-37.8	0.0331	0.0462	0.0022	2.37	1.69	35.04	0.00	-0.20	-0.40	0.0
27974	-33.0	-144.2	-156.8	125.0	109.3	-30.4	0.0331	0.0462	0.0022	2.28	1.63	33.74	0.00	-0.20	-0.36	0.0
27975	-23.1	-151.9	-158.5	115.4	110.5	-19.1	0.0331	0.0462	0.0022	2.36	1.69	34.99	0.00	-0.21	-0.35	0.0
27976	-14.8	-179.3	-171.4	95.3	121.8	20.2	0.0331	0.0462	0.0022	2.57	1.84	38.03	0.00	-0.28	-0.34	0.0
27977	74.3	-120.1	-108.6	120.2	-18.5	-41.0	0.0331	0.0462	0.0022	4.12	2.95	61.09	0.00	-0.24	-0.32	0.0
27978	84.0	-116.5	-106.6	102.9	-20.2	-33.0	0.0331	0.0462	0.0022	3.98	2.85	58.91	0.00	-0.23	-0.30	0.0
27979	93.3	-121.3	-107.9	87.4	-20.8	-24.4	0.0331	0.0462	0.0022	3.86	2.76	57.12	0.00	-0.23	-0.29	0.0
27980	101.8	-134.6	-112.5	66.8	-20.0	-15.9	0.0331	0.0462	0.0022	3.68	2.63	54.49	0.00	-0.23	-0.28	0.0
27981	88.1	-109.0	-60.7	91.0	-81.9	-49.7	0.0331	0.0462	0.0022	4.94	3.54	73.24	0.00	-0.26	-0.31	0.0
27982	96.1	-106.7	-60.6	75.8	-83.5	-40.6	0.0331	0.0462	0.0022	4.83	3.46	71.54	0.00	-0.26	-0.30	0.0
27983	103.3	-108.9	-61.5	60.9	-85.4	-31.2	0.0331	0.0462	0.0022	4.75	3.40	70.31	0.00	-0.25	-0.28	0.0
27984	109.5	-115.8	-63.3	43.9	-87.6	-21.4	0.0331	0.0462	0.0022	4.68	3.35	69.33	0.00	-0.25	-0.28	0.0
27985	40.5	-105.4	49.9	53.5	-93.4	-60.2	0.0331	0.0462	0.0022	4.92	3.53	72.93	0.00	-0.21	-0.29	0.0
27986	44.9	-102.4	49.3	42.3	-95.3	-55.8	0.0331	0.0462	0.0022	4.86	3.48	71.97	0.00	-0.21	-0.28	0.0
27987	48.8	-101.9	49.2	32.1	-98.7	-51.2	0.0331	0.0462	0.0022	4.86	3.48	72.04	0.00	-0.21	-0.28	0.0
27988	52.2	-104.0	49.8	21.3	-103.3	-46.1	0.0331	0.0462	0.0022	4.92	3.52	72.91	0.00	-0.21	-0.28	0.0
28049	-42.2	58.0	68.4	32.2	15.0	-124.0	0.0047	0.0461	0.0127	39.77	4.08	14.78	0.00	-0.20	-0.27	0.0
28050	-39.8	57.0	67.8	30.3	-13.0	-113.5	0.0045	0.0462	0.0127	40.08	3.90	14.18	0.00	-0.21	-0.24	0.0
28051	-38.5	57.7	67.0	28.1	-16.6	-102.1	0.0045	0.0462	0.0127	37.66	3.66	13.32	0.00	-0.20	-0.22	0.0
28052	-38.2	60.0	66.0	26.3	-18.6	-90.3	0.0047	0.0461	0.0127	33.53	3.44	12.46	0.00	-0.18	-0.20	0.0
28113	-77.4	141.0	-179.3	20.4	195.2	-140.1	0.0047	0.0282	0.0127	43.70	7.29	16.20	0.00	-0.17	-0.57	0.0
28114	-77.4	139.2	-179.2	25.6	187.5	-128.5	0.0045	0.0283	0.0127	42.79	6.79	15.14	0.00	-0.15	-0.54	0.0
28115	-77.2	139.3	-184.0	30.4	186.4	-115.4	0.0045	0.0283	0.0127	40.23	6.38	14.23	0.00	-0.13	-0.53	0.0
28116	-76.8	141.4	-193.7	35.5	192.2	-102.1	0.0047	0.0282	0.0127	36.54	6.10	13.54	0.00	-0.12	-0.53	0.0
28177	-98.1	146.4	-589.0	-28.7	331.1	-135.5	0.0047	0.0282	0.0127	44.92	7.48	16.61	0.00	-0.19	-0.98	0.0
28178	-99.6	145.0	-590.2	22.3	326.2	-127.0	0.0045	0.0283	0.0127	38.67	6.13	13.67	0.00	-0.12	-0.94	0.0
28179	-100.2	144.8	-600.2	30.0	327.6	-117.2	0.0045	0.0283	0.0127	36.94	5.86	13.06	0.00	-0.11	-0.94	0.0
28180	-100.1	145.7	-619.1	37.9	335.6	-107.1	0.0047	0.0282	0.0127	34.27	5.70	12.67	0.00	-0.10	-0.96	0.0
28241	-109.4	113.2	-993.0	-33.9	421.9	-121.9	0.0047	0.0282	0.0127	36.88	6.12	13.60	0.00	-0.16	-1.34	0.0
28242	-111.6	112.1	-997.5	-25.8	419.9	-119.7	0.0045	0.0283	0.0127	36.34	5.76	12.85	0.00	-0.15	-1.34	0.0
28243	-112.8	111.6	-1012.0	29.1	423.2	-116.4	0.0045	0.0283	0.0127	28.05	4.45	9.92	0.00	-0.07	-1.32	0.0
28244	-113.0	111.8	-1036.9	37.1	432.0	-112.9	0.0047	0.0282	0.0127	26.28	4.36	9.69	0.00	-0.07	-1.34	0.0
28305	-114.7	68.8	-1314.3	-35.9	480.6	-106.7	0.0047	0.0282	0.0127	28.61	4.74	10.53	0.00	-0.14	-1.62	0.0
28306	-117.2	67.8	-1322.5	-28.9	481.1	-111.9	0.0045	0.0283	0.0127	28.40	4.50	10.04	0.00	-0.13	-1.62	0.0
28307	-118.7	67.2	-1340.3	28.2	485.7	-116.3	0.0045	0.0283	0.0127	17.97	2.85	6.35	0.00	-0.03	-1.60	0.0
28308	-119.2	67.1	-1367.8	35.2	494.4	-120.6	0.0047	0.0282	0.0127	16.77	2.78	6.17	0.00	-0.03	-1.63	0.0
28369	-116.8	26.5	-1540.7	-36.6	518.7	124.8	0.0047	0.0193	0.0127	11.36	2.75	4.17	0.00	-0.02	-1.77	0.0
28370	-119.4	25.5	-1552.2	-30.9	521.3	113.3	0.0045	0.0194	0.0127	11.56	2.68	4.09	0.00	-0.02	-1.78	0.0
28371	-121.0	24.8	-1571.8	27.6	526.6	-117.4	0.0045	0.0194	0.0127	12.16	2.81	4.30	0.00	-0.03	-1.81	0.0
28372	-121.7	24.7	-1599.9	33.3	534.8	-129.2	0.0047	0.0193	0.0127	11.73	2.83	4.31	0.00	-0.02	-1.84	0.0
28433	-118.3	-9.6	-1688.2	-36.6	545.7	145.8	0.0047	0.0193	0.0127	11.62	2.80	4.26	0.00	-0.05	-1.93	0.0
28434	-121.0	-10.7	-1702.2	-32.2	549.8	128.3	0.0045	0.0194	0.0127	11.69	2.71	4.13	0.00	-0.06	-1.94	0.0
28435	-122.7	-11.4	-1722.8	-27.7	555.6	-119.9	0.0045	0.0194	0.0127	20.33	4.70	7.18	0.00	-0.14	-1.99	0.0
28436	-123.4	-11.7	-1749.9	32.1	562.9	-138.1	0.0047	0.0193	0.0127	11.67	2.81	4.28	0.00	-0.06	-1.99	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
28437	32.5	-87.4	47.8	-41.5	67.7	-32.4	0.0331	0.0462	0.0140	3.66	2.62	8.68	0.00	-0.15	-0.22	0.0
28438	36.0	-86.6	47.3	-35.8	69.5	-37.6	0.0331	0.0462	0.0140	3.75	2.69	8.89	0.00	-0.15	-0.22	0.0
28439	40.0	-85.8	47.2	-30.6	72.9	-43.3	0.0331	0.0462	0.0140	3.91	2.80	9.27	0.00	-0.16	-0.23	0.0
28440	44.2	-85.2	47.6	-25.6	77.6	-49.3	0.0331	0.0462	0.0140	4.12	2.95	9.77	0.00	-0.16	-0.24	0.0
28441	81.9	-85.0	-19.6	-71.2	80.6	-25.2	0.0331	0.0462	0.0140	4.54	3.25	10.75	0.00	-0.21	-0.26	0.0
28442	88.0	-85.5	-19.9	-66.9	81.5	-23.2	0.0331	0.0462	0.0140	4.61	3.30	10.91	0.00	-0.21	-0.26	0.0
28443	95.2	-87.4	-20.8	-61.8	83.3	-22.6	0.0331	0.0462	0.0140	4.72	3.38	11.19	0.00	-0.22	-0.26	0.0
28444	103.1	-90.7	-22.4	-55.4	86.1	-22.9	0.0331	0.0462	0.0140	4.87	3.49	11.54	0.00	-0.23	-0.27	0.0
28445	102.2	-80.7	-56.8	-96.2	62.7	-19.5	0.0331	0.0462	0.0140	4.92	3.52	11.67	0.00	-0.24	-0.29	0.0
28446	108.7	-82.1	-56.1	-93.1	63.2	-16.2	0.0331	0.0462	0.0140	5.00	3.58	11.85	0.00	-0.24	-0.29	0.0
28447	117.8	-86.5	-57.4	-89.3	63.7	-14.7	0.0331	0.0462	0.0140	5.13	3.67	12.16	0.00	-0.24	-0.29	0.0
28448	129.3	-94.0	-60.8	-82.5	64.1	-14.6	0.0331	0.0462	0.0140	5.28	3.78	12.51	0.00	-0.25	-0.30	0.0
28449	68.5	-88.9	-111.3	-115.8	-30.9	-13.4	0.0331	0.0462	0.0140	3.98	2.85	9.43	0.00	-0.23	-0.30	0.0
28450	75.1	-88.2	-108.1	-115.6	-29.1	-11.8	0.0331	0.0462	0.0140	4.13	2.96	9.79	0.00	-0.24	-0.30	0.0
28451	84.7	-95.4	-109.8	-116.3	-30.4	-10.0	0.0331	0.0462	0.0140	4.34	3.11	10.30	0.00	-0.25	-0.31	0.0
28452	96.8	-110.3	-116.7	-111.0	-34.8	-11.7	0.0331	0.0462	0.0140	4.47	3.20	10.59	0.00	-0.26	-0.32	0.0
28453	-85.5	-129.6	-258.5	-127.6	-217.6	-11.9	0.0331	0.0462	0.0140	3.21	2.30	7.60	0.00	-0.26	-0.54	0.0
28454	-74.2	-121.6	-242.4	-135.5	-200.0	-12.7	0.0331	0.0462	0.0140	3.33	2.39	7.90	0.00	-0.26	-0.51	0.0
28455	-66.8	-131.9	-245.2	-143.5	-204.0	4.7	0.0331	0.0462	0.0140	3.84	2.75	9.11	0.00	-0.30	-0.53	0.0
28456	-63.7	-160.3	-267.0	-145.5	-229.7	-4.3	0.0331	0.0462	0.0140	4.11	2.95	9.75	0.00	-0.32	-0.58	0.0
28457	-542.6	-324.4	-1149.7	-141.6	-834.0	-62.1	0.0331	0.0462	0.0057	1.77	1.27	10.38	0.00	-0.39	-1.80	0.0
28458	-492.4	-289.2	-1014.0	-154.9	-735.0	7.8	0.0331	0.0462	0.0057	2.25	1.61	13.16	0.00	-0.41	-1.61	0.0
28459	-491.8	-302.9	-1019.4	-167.9	-744.0	11.3	0.0331	0.0462	0.0057	2.64	1.89	15.43	0.00	-0.44	-1.64	0.0
28460	-541.2	-365.8	-1166.0	-175.5	-861.3	68.5	0.0331	0.0462	0.0057	3.94	2.82	23.02	0.00	-0.56	-1.90	0.0
28461	-865.9	-554.7	-2404.4	-168.4	-364.1	-187.8	0.0331	0.0462	0.0057				-0.48	-0.83	-2.51	
28462	-812.9	-495.6	-2101.8	-175.8	-364.4	15.1	0.0331	0.0462	0.0057				-0.40	-0.81	-2.20	
28463	-828.1	-513.5	-2114.1	-183.1	-384.3	47.1	0.0331	0.0462	0.0057				-0.40	-0.83	-2.22	
28464	-911.9	-608.7	-2441.9	-187.2	-424.3	222.4	0.0331	0.0462	0.0057				-0.44	-0.96	-2.57	
28465	-1002.1	-524.1	-2081.4	-169.8	114.3	-129.0	0.0331	0.0462	0.0057				-0.45	-1.05	-2.10	
28466	-1014.5	-498.2	-1890.4	-184.5	-146.4	54.7	0.0331	0.0462	0.0057				-0.43	-1.06	-1.91	
28467	-1063.1	-521.7	-1921.7	-194.5	-192.8	108.4	0.0331	0.0462	0.0057				-0.44	-1.10	-1.97	
28468	-1148.3	-595.4	-2177.2	-211.7	-141.7	225.1	0.0331	0.0462	0.0057				-0.48	-1.22	-2.22	
28469	-1721.1	-770.2	-3040.3	192.9	-1825.4	286.3	0.0331	0.0462	0.0057				-0.44	-0.74	-4.35	
28470	-1827.5	-826.2	-3186.2	-179.3	-2003.6	251.7	0.0331	0.0462	0.0057				-0.24	-0.97	-4.63	
28471	-1948.4	-872.6	-3348.5	-200.3	-2137.2	222.4	0.0331	0.0462	0.0057				-0.26	-1.01	-4.90	
28472	-2084.5	-909.8	-3529.9	-236.6	-2228.6	169.6	0.0331	0.0462	0.0057				-0.32	-1.05	-5.15	
28473	-562.1	-921.9	-5316.9	-114.7	-697.7	359.8	0.0331	0.0462	0.0055				-0.41	-0.95	-5.44	
28474	-552.6	-1002.4	-5701.1	-67.6	-706.2	370.8	0.0331	0.0462	0.0055				-0.43	-1.00	-5.82	
28475	-584.3	-1051.2	-5967.1	45.6	-731.4	380.5	0.0331	0.0462	0.0055				-0.49	-1.02	-6.09	
28476	-659.4	-1065.1	-6113.0	101.3	-776.4	385.5	0.0331	0.0462	0.0055				-0.55	-1.04	-6.25	
28477	-822.0	-699.1	-3881.7	-62.9	1735.8	-124.9	0.0331	0.0462	0.0055				-0.02	-0.71	-4.67	
28478	-914.9	-716.2	-4103.5	-116.3	2042.2	204.1	0.0331	0.0462	0.0055	2.48	1.77	15.02	0.00	-0.79	-5.19	0.0
28479	-952.3	-770.5	-4260.8	-184.4	2092.2	328.1	0.0331	0.0462	0.0055	1.85	1.33	11.24	0.00	-0.80	-5.37	0.0
28480	-934.0	-871.4	-4360.3	-191.2	1860.7	523.3	0.0331	0.0462	0.0055				-0.12	-0.80	-5.25	
28481	-300.9	-140.3	-1144.1	-39.0	533.4	-311.1	0.0331	0.0462	0.0055	3.15	2.25	19.10	0.00	-0.34	-1.56	0.0
28482	-290.4	1.7	-959.4	-49.0	723.4	36.3	0.0331	0.0462	0.0055	5.28	3.78	32.06	0.00	-0.17	-1.60	0.0
28483	-308.6	-52.0	-1006.7	-83.4	728.5	194.1	0.0331	0.0462	0.0055	4.72	3.38	28.62	0.00	-0.18	-1.65	0.0
28484	-361.2	-336.3	-1321.7	-75.5	534.1	559.4	0.0331	0.0462	0.0055	0.67	0.48	4.09	0.00	-0.30	-1.79	0.0
28485	-59.3	-53.2	-823.5	-32.0	137.6	-493.9	0.0331	0.0462	0.0055	6.58	4.71	39.92	0.00	-0.29	-1.29	0.0
28486	28.3	189.4	-493.8	-28.3	245.9	-66.9	0.0331	0.0462	0.0055	6.66	4.77	40.38	0.00	-0.12	-0.82	0.0
28487	16.5	121.6	-528.8	-47.8	240.0	205.6	0.0331	0.0462	0.0055	5.62	4.02	34.07	0.00	-0.09	-0.86	0.0
28488	-106.5	-298.7	-974.6	-45.3	117.5	730.5	0.0331	0.0462	0.0055	5.15	3.69	31.28	0.00	-0.27	-1.62	0.0
28489	20.9	-40.5	-773.9	-31.4	-36.9	-609.7	0.0331	0.0462	0.0055	9.20	6.59	55.84	0.00	-0.28	-1.43	0.0
28490	154.8	268.1	-366.0	-19.8	76.6	-96.6	0.0331	0.0462	0.0055	8.76	6.27	53.17	0.00	-0.13	-0.68	0.0
28491	142.8	190.3	-399.7	-30.6	71.0	233.3	0.0331	0.0462	0.0055	8.21	5.88	49.81	0.00	-0.12	-0.76	0.0
28492	-30.0	-314.5	-921.8	-26.6	-52.4	851.2	0.0331	0.0462	0.0055	8.88	6.36	53.89	0.00	-0.33	-1.82	0.0
28493	31.1	-48.6	-798.1	-40.0	-67.5	-684.1	0.0331	0.0462	0.0055	10.78	7.72	65.40	0.00	-0.32	-1.57	0.0
28494	188.9	307.2	-342.7	-16.8	20.1	-113.4	0.0331	0.0462	0.0055	9.95	7.12	60.38	0.00	-0.14	-0.69	0.0
28495	174.8	224.3	-376.8	-16.5	16.8	253.7	0.0331	0.0462	0.0055	9.60	6.87	58.26	0.00	-0.14	-0.79	0.0
28496	-25.6	-336.0	-946.2	21.6	-76.4	929.8	0.0331	0.0462	0.0055	10.26	7.35	62.26	0.00	-0.36	-1.96	0.0
28497	14.8	-61.9	-842.0	-54.2	-70.6	-743.0	0.0331	0.0462	0.0055	11.71	8.38	71.05	0.00	-0.37	-1.68	0.0
28498	185.9	330.9	-350.2	-17.2	-19.1	-130.9	0.0331	0.0462	0.0055	10.77	7.71	65.33	0.00	-0.17	-0.73	0.0
28499	170.6	246.0	-384.5	10.6	-20.2	273.6	0.0331	0.0462	0.0055	10.52	7.53	63.84	0.00	-0.18	-0.84	0.0
28500	-45.6	-354.2	-990.4	47.9	-73.7	990.8	0.0331	0.0462	0.0055	11.13	7.97	67.55	0.00	-0.41	-2.09	0.0
28501	-9.5	5.4	118.7	-22.5	48.6	-60.0	0.0047	0.0461	0.0244	34.15	3.50	6.60	0.00	-0.18	-0.19	0.0
28502	-7.8	5.5	117.9	-20.9	51.3	-65.8	0.0045	0.0462	0.0244	36.88	3.59	6.79	0.00	-0.19	-0.19	0.0
28503	-6.5	6.4	116.8	-19.2	54.9	-73.3	0.0045	0.0462	0.0244	38.27	3.72	7.04	0.00	-0.19	-0.21	0.0
28504	-5.6	8.0	115.7	-17.5	59.0	-82.3	0.0047	0.0461	0.0244	38.08	3.90	7.36	0.00	-0.20	-0.22	0.0
28565	-22.5	48.6	75.4	-11.6	-59.4	-58.5	0.0047	0.0282	0.0244	28.25	4.71	5.45	0.00	-0.10	-0.20	0.0
28566	-22.3	48.3	74.5	-13.3	-56.2	-60.1	0.0045	0.0283	0.0244	29.34	4.65	5.40	0.00	-0.10	-0.19	0.0
28567	-22.1	48.7	69.1	-15.1	-55.2	-65.4	0.0045	0.0283	0.0244	29.50	4.68	5.43	0.00	-0.10	-0.20	0.0
28568	-21.9	49.8	59.5	-17.0	-56.7	-74.6	0.0047	0.0282	0.0244	28.80	4.81	5.55	0.00	-0.11	-0.21	0.0
28629	-24.3	50.8	-44.7	-5.1	-135.8	-46.6	0.0047	0.0282	0.0244	24.46	4.07	4.70	0.00	-0.07	-0.29	0.0
28630	-25.2	50.3	-46.5	-7.3	-134.5	-44.1	0.0045	0.0283	0.0244	24.50	3.89	4.50	0.00	-0.06	-0.29	0.0
28631	-25.9	50.4	-57.5	-10.7	-136.1	-49.4	0.0045	0.0283	0.0244	23.93	3.79	4.40	0.00	-0.06	-0.29	0.0
28632	-26.3	51.0	-77.7	-15.5	-140.8	-62.0	0.0047	0.0282	0.0244	22.97	3.82	4.42	0.00	-0.06	-0.32	0.0
28693	-22.9	42.0	-145.1	11.5	-196.5	-32.5	0.0047	0.0282	0.0244	27.95	4.64	5.36	0.00	-0.10	-0.42	0.0
28694	-24.8	40.7	-147.6	-3.9	-197.1	-29.2	0.0045	0.0283	0.0244	27.33	4.33	5.02	0.00	-0.08	-0.42	0.0
28695	-25.9	40.5	-163.8	-8.8	-200.7	-38.0	0.0045	0.0283	0.0244	26.77	4.24	4.92	0.00	-0.08	-0.43	0.0
28696	-26.4	41.5	-193.8	-17.9	-207.4	-58.3	0.0047	0.0282	0.0244	25.22	4.18	4.84	0.00	-0.07	-0.46	0.0
28757	23.9	51.1	-151.3	19.3	-252.0	32.0	0.0047	0.0282	0.0244	43.44	7.19	8.31	0.00	-0.15	-0.54	0.0
28758	20.8	48.5	-153.0	5.3	-254.4	-19.2	0.0045	0.0283	0.0244	45.48	7.21	8.36	0.00	-0.16	-0.54	0.0
28759	19.2	48.1	-173.4	-10.2	-259.4	-35.2	0.0045	0.0283	0.0244	44.65	7.08	8.21	0.00	-0.15	-0.56	0.0
28760	19.0	49.9	-212.7	-24.1	-267.4	-67.4	0.0047	0.0282	0.0244	42.04	6.96	8.04	0.00	-0.14	-0.60	0.0
28821	-34.0	76.3	46.7	39.7	-318.6	65.1	0.0047	0.0193	0.0244	70.63	17.07	13.49	0.00	-0.24	-0.66	0.0
28822	-36.3	74.3	47.7	11.7	-323.1	12.9	0.0045	0.0194	0.0244	73.84	17.09	13.57	0.00	-0.26	-0.65	0.0
28823	-37.7	73.6	23.3	-17.5	-329.6	-39.8	0.0045	0.0194	0.0244	72.39	16.75	13.30	0.00	-0.25	-0.67	0.0
28824	-38.0	74.4	-26.1	-45.2	-337.9	-91.7	0.0047	0.0193	0.0244	66.64	16.10	12.72	0.00	-0.22	-0.70	0.0
28885	1465.5	414.3	847.6	-37.3	973.2	56.4	0.0160	0.0262	0.0244	136.39	83.25	89.11	0.00	-1.75	-2.06	0.0
28886	1456.5	426.7	836.5	-48.2	960.3	-22.5	0.0158	0.0262	0.0244	136.54	82.21	88.28	0.00	-1.73	-2.02	0.0
28887	1447.7	423.0	806.1	-58.5	948.2	-54.5	0.0158	0.0262	0.0244	134.92	81.23	87.23	0.00	-1.71	-2.01	0.0
28888	1439.5	403.6	756.7	-69.2	936.9	-94.3	0.0160	0.0262	0.0244	131.68	80.38	86.04	0.00	-1.70	-2.01	0.0
28949	-367.5	-806.9	-2177.2	-150.8	-169.9	-1899.2	0.0331	0.0462	0.0055	15.95	11.42	96.75	0.00	-0.88	-4.05	0.0
28950	-413.9	-845.8	-2297.6	-170.3	-166.9	-1988.0	0.0331	0.0462	0.0055	16.52	11.83	100.24	0.00	-0.95	-4.25	0.0
28951	-488.2	-871.3	-2433.9	-173.8	-187.3	-2028.3	0.0331	0.0462	0.0055	15.79	11.30	95.79	0.00	-0.99	-4.37	0.0
28952	-640.5	-887.4	-2664.5	-146.9	-293.5	-1954.9	0.0331	0.0462	0.0055	11.26	8.06	68.33	0.00	-0.98	-4.33	0.0
28953	-998.9	-890.6	-3208.1	-55.5	-739.7	-1521.4	0.0331	0.0462	0.0055				-0.04	-0.94	-4.11	
28954	-1953.6	-1621.0	-8278.3	-28.6	-2891.6	-753.4	0.0331	0.0462	0.0055				-0.76	-1.63	-9.47	
28955	-1593.8	-2187.2	-13258.0	233.7	896.3	401.6	0.0331	0.0462	0.0055				-1.43	-2.27	-13.34	

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
28956	-6120.4	-2204.6	-8304.4	-423.5	5984.2	708.8	0.0331	0.0462	0.0055				-1.11	-2.16	-13.36	
28957	-3358.0	-1136.4	-3471.8	-166.0	1375.3	60.5	0.0331	0.0462	0.0057				-1.12	-2.04	-4.80	
28958	-2214.8	-992.1	-3423.1	170.5	1107.4	-157.6	0.0331	0.0462	0.0057				-0.97	-1.56	-4.10	
28959	-1243.6	-599.1	-1551.2	180.2	1403.3	-40.5	0.0331	0.0462	0.0057	0.99	0.71	5.78	0.00	-0.64	-2.85	0.0
28960	-378.4	-277.8	-339.7	175.3	395.9	-44.6	0.0331	0.0462	0.0022	1.89	1.35	28.02	0.00	-0.32	-0.87	0.0
28961	-58.0	-172.7	-178.6	160.4	129.6	-37.0	0.0331	0.0462	0.0022	2.59	1.85	38.30	0.00	-0.23	-0.44	0.0
28962	63.8	-128.3	-112.2	137.1	-15.9	-46.7	0.0331	0.0462	0.0022	4.24	3.03	62.74	0.00	-0.25	-0.35	0.0
28963	79.8	-114.9	-61.7	104.1	-80.7	-57.1	0.0331	0.0462	0.0022	5.03	3.60	74.44	0.00	-0.26	-0.33	0.0
28964	35.7	-113.1	50.1	62.7	-92.5	-64.2	0.0331	0.0462	0.0022	4.98	3.56	73.72	0.00	-0.21	-0.31	0.0
28965	-1144.4	-1846.3	-5925.0	-254.4	-372.5	-3693.3	0.0331	0.0462	0.0055	10.09	7.23	61.23	0.00	-1.45	-8.47	0.0
28966	-1215.9	-1940.5	-6230.5	-278.6	-365.9	-3874.5	0.0331	0.0462	0.0055	10.43	7.47	63.27	0.00	-1.53	-8.89	0.0
28967	-1300.5	-1999.0	-6520.9	-280.6	-366.0	-4002.4	0.0331	0.0462	0.0055	10.24	7.33	62.15	0.00	-1.61	-9.22	0.0
28968	-1412.6	-2002.8	-6816.1	-260.0	-393.8	-4006.6	0.0331	0.0462	0.0055	8.01	5.73	48.60	0.00	-1.65	-9.38	0.0
28969	-1552.0	-1959.1	-7144.5	-158.7	-499.3	-3669.3	0.0331	0.0462	0.0055				-0.05	-1.52	-9.08	
28970	-1830.0	-1943.4	-9551.9	88.9	-1330.6	-1779.6	0.0331	0.0462	0.0055				-1.22	-1.96	-10.14	
28971	-1675.2	-2067.0	-12907.8	248.7	960.5	419.0	0.0331	0.0462	0.0055				-1.46	-2.19	-13.00	
28972	-6071.7	-2168.5	-8254.7	-497.9	5927.3	824.1	0.0331	0.0462	0.0055				-1.11	-2.11	-13.27	
28973	-3337.1	-1130.7	-3499.0	-203.9	1375.7	335.2	0.0331	0.0462	0.0057				-1.08	-2.05	-4.84	
28974	-2207.1	-989.7	-3394.4	130.6	1091.3	379.6	0.0331	0.0462	0.0057				-0.84	-1.69	-4.07	
28975	-1269.7	-601.7	-1579.4	166.8	1381.0	273.4	0.0331	0.0462	0.0057	3.01	2.16	17.62	0.00	-0.83	-2.92	0.0
28976	-414.5	-280.9	-376.5	194.7	433.2	23.8	0.0331	0.0462	0.0022	3.06	2.19	45.29	0.00	-0.42	-0.96	0.0
28977	-74.3	-176.3	-185.8	177.7	137.9	-34.7	0.0331	0.0462	0.0022	2.78	1.99	41.11	0.00	-0.24	-0.47	0.0
28978	53.0	-130.4	-115.2	150.8	-13.4	-50.0	0.0331	0.0462	0.0022	4.32	3.09	63.97	0.00	-0.25	-0.37	0.0
28979	72.4	-116.8	-62.1	114.7	-79.6	-62.4	0.0331	0.0462	0.0022	5.10	3.65	75.58	0.00	-0.27	-0.35	0.0
28980	31.5	-116.9	50.5	69.8	-92.6	-67.8	0.0331	0.0462	0.0022	5.05	3.62	74.88	0.00	-0.22	-0.32	0.0
28996	-44.7	58.6	68.4	32.3	23.9	-131.2	0.0051	0.0459	0.0127	38.56	4.24	15.33	0.00	-0.21	-0.29	0.0
29012	-46.8	59.8	68.2	31.6	31.5	-135.5	0.0054	0.0458	0.0127	37.19	4.36	15.71	0.00	-0.21	-0.31	0.0
29028	-77.4	141.9	-182.5	-22.8	204.9	-147.5	0.0050	0.0281	0.0127	47.01	8.41	18.58	0.00	-0.23	-0.60	0.0
29044	-77.2	143.4	-186.8	-27.4	214.2	-152.1	0.0053	0.0279	0.0127	46.18	8.80	19.33	0.00	-0.24	-0.62	0.0
29060	-96.5	147.1	-593.4	-35.4	338.7	-140.4	0.0050	0.0281	0.0127	44.25	7.87	17.39	0.00	-0.21	-1.00	0.0
29076	-95.0	148.2	-600.0	-40.9	346.5	-143.1	0.0053	0.0279	0.0127	43.45	8.21	18.04	0.00	-0.22	-1.02	0.0
29092	-107.1	113.9	-995.6	-40.3	426.6	-122.0	0.0050	0.0281	0.0127	36.31	6.42	14.19	0.00	-0.17	-1.36	0.0
29108	-105.0	114.7	-1001.4	-45.3	432.0	-121.5	0.0052	0.0280	0.0127	35.64	6.68	14.69	0.00	-0.18	-1.37	0.0
29124	-112.2	69.7	-1313.7	-41.3	482.6	101.8	0.0049	0.0281	0.0127	15.92	2.80	6.19	0.00	-0.02	-1.57	0.0
29140	-109.8	70.6	-1317.1	-45.4	485.5	104.8	0.0052	0.0280	0.0127	15.76	2.93	6.45	0.00	-0.02	-1.58	0.0
29156	-114.1	27.6	-1536.7	-40.8	518.4	133.2	0.0049	0.0192	0.0127	11.20	2.87	4.34	0.00	-0.02	-1.77	0.0
29172	-111.7	28.5	-1537.2	-44.1	519.1	139.8	0.0052	0.0191	0.0127	11.12	3.01	4.52	0.00	-0.02	-1.78	0.0
29188	-115.6	-8.3	-1681.2	-39.9	543.3	158.6	0.0049	0.0192	0.0127	11.47	2.93	4.42	0.00	-0.05	-1.92	0.0
29204	-113.1	-7.3	-1678.9	-42.3	542.1	168.2	0.0051	0.0191	0.0127	11.33	3.05	4.57	0.00	-0.05	-1.92	0.0
29205	29.6	-90.4	48.1	-45.8	67.1	-29.0	0.0331	0.0462	0.0140	3.61	2.59	8.57	0.00	-0.15	-0.23	0.0
29206	77.0	-86.7	-20.3	-74.2	80.3	-27.5	0.0331	0.0462	0.0140	4.48	3.21	10.62	0.00	-0.21	-0.26	0.0
29207	96.6	-82.3	-58.8	-98.7	62.1	-22.5	0.0331	0.0462	0.0140	4.84	3.47	11.47	0.00	-0.24	-0.29	0.0
29208	61.5	-92.3	-117.5	-118.5	-34.5	-14.9	0.0331	0.0462	0.0140	3.87	2.77	9.17	0.00	-0.23	-0.30	0.0
29209	-94.1	-142.6	-269.3	-128.7	-227.2	15.9	0.0331	0.0462	0.0140	3.47	2.48	8.22	0.00	-0.30	-0.55	0.0
29210	-614.3	-383.7	-1373.6	-130.0	-1006.1	-17.1	0.0331	0.0462	0.0057	3.05	2.19	17.85	0.00	-0.50	-2.17	0.0
29211	-960.2	-651.2	-2955.7	-152.2	-366.6	-197.5	0.0331	0.0462	0.0057				-0.59	-0.94	-3.04	
29212	-1017.4	-561.4	-2401.2	-150.7	318.5	-133.0	0.0331	0.0462	0.0057				-0.49	-1.01	-2.48	
29213	-1651.2	-716.8	-2910.9	217.1	-1694.7	345.6	0.0331	0.0462	0.0057				-0.47	-0.67	-4.14	
29214	-597.2	-831.1	-4955.2	-150.6	-709.8	353.2	0.0331	0.0462	0.0055				-0.39	-0.90	-5.09	
29215	-751.5	-728.4	-3777.2	-77.6	1221.7	-390.0	0.0331	0.0462	0.0055				-0.23	-0.78	-4.24	
29216	-388.3	-454.9	-1747.7	-91.4	218.6	-922.8	0.0331	0.0462	0.0055	2.88	2.06	17.47	0.00	-0.54	-2.34	0.0
29217	-274.0	-528.4	-1711.4	-77.1	-101.3	-1302.7	0.0331	0.0462	0.0055	9.40	6.73	57.02	0.00	-0.58	-2.87	0.0
29218	-259.3	-609.5	-1802.4	-83.1	-162.1	-1511.7	0.0331	0.0462	0.0055	12.69	9.09	76.99	0.00	-0.67	-3.26	0.0
29219	-285.3	-687.8	-1927.4	-99.5	-177.2	-1662.6	0.0331	0.0462	0.0055	14.12	10.11	85.66	0.00	-0.74	-3.56	0.0
29220	-325.7	-759.5	-2054.5	-123.7	-176.1	-1788.0	0.0331	0.0462	0.0055	14.95	10.70	90.69	0.00	-0.80	-3.82	0.0
29221	27.6	-91.4	48.4	-48.9	67.8	-27.1	0.0331	0.0462	0.0140	3.62	2.59	8.58	0.00	-0.15	-0.23	0.0
29222	73.6	-87.0	-20.8	-76.3	80.3	-29.2	0.0331	0.0462	0.0140	4.46	3.19	10.56	0.00	-0.21	-0.27	0.0
29223	91.7	-81.9	-61.2	-100.2	60.7	-25.7	0.0331	0.0462	0.0140	4.75	3.40	11.26	0.00	-0.24	-0.29	0.0
29224	53.3	-91.4	-121.0	-120.4	-35.7	-12.8	0.0331	0.0462	0.0140	3.75	2.68	8.88	0.00	-0.23	-0.30	0.0
29225	-108.0	-140.8	-286.4	-133.8	-239.0	15.4	0.0331	0.0462	0.0140	3.46	2.48	8.21	0.00	-0.30	-0.58	0.0
29226	-623.4	-380.9	-1395.4	-118.3	-998.1	235.0	0.0331	0.0462	0.0057	4.84	3.47	28.32	0.00	-0.63	-2.25	0.0
29227	-954.0	-641.9	-2952.1	-127.7	-354.3	291.6	0.0331	0.0462	0.0057				-0.53	-0.98	-3.04	
29228	-999.3	-543.4	-2392.2	-135.0	335.3	155.2	0.0331	0.0462	0.0057				-0.50	-0.95	-2.49	
29229	-1607.1	-675.8	-2823.7	239.3	-1630.1	371.7	0.0331	0.0462	0.0057				-0.47	-0.62	-4.01	
29230	-650.0	-748.5	-4681.8	-155.9	-729.5	360.4	0.0331	0.0462	0.0055				-0.38	-0.86	-4.84	
29231	-792.1	-881.2	-4410.6	-160.6	316.6	-929.4	0.0331	0.0462	0.0055				-0.47	-0.95	-4.66	
29232	-780.8	-1043.2	-4012.6	-147.9	-254.3	-2143.3	0.0331	0.0462	0.0055	2.41	1.72	14.60	0.00	-0.84	-5.23	0.0
29233	-829.9	-1253.2	-4452.4	-147.3	-329.8	-2652.9	0.0331	0.0462	0.0055	7.44	5.33	45.13	0.00	-1.05	-6.22	0.0
29234	-895.1	-1442.6	-4862.4	-163.5	-362.5	-2988.3	0.0331	0.0462	0.0055	8.82	6.31	53.50	0.00	-1.16	-6.91	0.0
29235	-977.5	-1600.9	-5244.6	-183.8	-374.5	-3253.4	0.0331	0.0462	0.0055	9.27	6.64	56.25	0.00	-1.26	-7.49	0.0
29236	-1065.5	-1734.9	-5598.1	-215.9	-375.6	-3484.4	0.0331	0.0462	0.0055	9.59	6.87	58.21	0.00	-1.35	-8.00	0.0
29237	-11.1	5.2	119.1	-23.1	47.2	-56.1	0.0051	0.0459	0.0244	31.33	3.45	6.48	0.00	-0.18	-0.19	0.0
29253	-12.5	5.4	119.1	-23.3	46.8	-53.4	0.0054	0.0458	0.0244	29.12	3.42	6.40	0.00	-0.17	-0.19	0.0
29269	-22.7	48.1	73.5	-9.8	-63.1	-58.0	0.0050	0.0281	0.0244	26.57	4.75	5.46	0.00	-0.10	-0.20	0.0
29285	-22.8	48.2	70.2	-8.2	-66.7	-57.7	0.0053	0.0279	0.0244	25.06	4.78	5.46	0.00	-0.10	-0.20	0.0
29301	-23.3	50.7	-48.8	8.9	-138.5	-48.5	0.0050	0.0281	0.0244	24.97	4.44	5.10	0.00	-0.09	-0.30	0.0
29317	-22.4	51.1	-55.5	12.3	-141.7	-49.7	0.0053	0.0279	0.0244	24.22	4.57	5.23	0.00	-0.10	-0.31	0.0
29333	-20.9	43.6	-151.1	18.8	-197.7	-34.4	0.0050	0.0281	0.0244	27.34	4.83	5.56	0.00	-0.11	-0.43	0.0
29349	-19.0	45.0	-160.9	24.1	-199.9	-35.4	0.0052	0.0280	0.0244	26.61	4.98	5.70	0.00	-0.11	-0.44	0.0
29365	27.4	54.9	-161.0	30.1	-251.8	55.8	0.0049	0.0281	0.0244	40.93	7.20	8.28	0.00	-0.14	-0.55	0.0
29381	30.6	58.1	-175.6	37.9	-252.8	71.7	0.0052	0.0280	0.0244	38.66	7.18	8.23	0.00	-0.13	-0.56	0.0
29397	-30.8	79.7	30.7	61.3	-316.4	104.0	0.0049	0.0192	0.0244	65.74	16.86	13.24	0.00	-0.22	-0.67	0.0
29413	-26.1	83.5	8.0	76.5	-315.8	130.6	0.0052	0.0191	0.0244	61.21	16.58	12.94	0.00	-0.19	-0.69	0.0
29429	1469.4	403.2	835.0	46.3	977.9	99.7	0.0162	0.0260	0.0244	134.82	83.94	89.43	0.00	-1.78	-2.07	0.0
29445	1464.0	397.5	802.5	59.6	972.2	135.2	0.0164	0.0259	0.0244	131.94	83.69	88.77	0.00	-1.76	-2.08	0.0
29461	-1294.0	-602.6	-7746.2	-66.5	-536.4	71.7	0.0331	0.0462	0.0055				-0.59	-1.26	-7.79	
29462	-1321.0	-713.7	-8055.8	-83.7	-539.5	-42.6	0.0331	0.0462	0.0055				-0.70	-1.29	-8.10	
29463	-1378.5	-823.7	-8408.6	7.8	-472.8	-80.5	0.0331	0.0462	0.0055				-0.82	-1.35	-8.44	
29464	-1527.2	-882.6	-8906.3	94.8	-404.9	89.6	0.0331	0.0462	0.0055				-0.87	-1.52	-8.93	
29465	-1638.0	-1009.2	-9485.2	115.2	-371.8	194.9	0.0331	0.0462	0.0055				-0.99	-1.64	-9.51	
29466	-1583.7	-1362.2	-10297.7	148.3	-173.3	316.2	0.0331	0.0462	0.0055				-1.28	-1.65	-10.31	
29467	-1719.2	-1942.5	-12580.4	159.9	1023.3	503.6	0.0331	0.0462	0.0055				-1.52	-2.03	-12.70	
29468	-5984.7	-2126.2	-8185.3	-643.4	5902.8	1024.9	0.0331	0.0462	0.0055				-1.05	-2.02	-13.22	
29469	-3257.8	-1053.4	-3202.9	-281.2	1576.6	413.4	0.0331	0.0462	0.0057				-0.98	-1.67	-4.87	
29470	-2097.9	-856.4	-2842.4	-83.8	1069.8	400.4	0.0331	0.0462	0.0057				-0.76	-1.38	-3.65	
29471	-1222.9	-515.6	-1379.3	145.9	1194.8	326.7	0.0331	0.0462	0.0057	2.45	1.75	14.31	0.00	-0.77	-2.59	0.0
29472	-453.5	-247.4	-394.8	201.6	437.5	81.6	0.0331	0.0462	0.0022	3.69	2.64	54.66	0.00	-0.46	-1.00	0.0
29473	-106.1	-159.3	-193.2	198.5	147.3	-23.8	0.0331	0.0462	0.0022	3.08	2.20	45.57	0.00	-0.26	-0.50	0.0
29474	31.5	-122.7	-118.4	170.5	10.7	-52.7	0.0331	0.0462	0.0022	4.32	3.10	64.04	0.00	-0.24	-0.39	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
29475	58.7	-113.9	-62.0	131.1	-77.6	-68.9	0.0331	0.0462	0.0022	5.23	3.74	77.45	0.00	-0.27	-0.36	0.0
29476	24.7	-115.6	52.9	82.1	-92.4	-72.1	0.0331	0.0462	0.0022	5.23	3.74	77.42	0.00	-0.23	-0.33	0.0
29477	-897.9	-970.8	-4403.5	90.2	-601.9	1919.6	0.0331	0.0462	0.0055				-0.08	-0.86	-5.34	
29478	-1264.3	-1046.8	-6020.3	59.4	-1485.7	1055.8	0.0331	0.0462	0.0055				-0.62	-1.08	-6.64	
29479	-1037.3	-1052.9	-7504.3	23.1	-426.0	414.2	0.0331	0.0462	0.0055				-1.01	-1.03	-7.56	
29480	-1286.5	-1121.9	-6606.7	27.8	860.6	1307.4	0.0331	0.0462	0.0055				-0.72	-1.27	-7.02	
29481	-1120.6	-1129.8	-5724.4	-15.6	-123.8	2205.0	0.0331	0.0462	0.0055				-0.24	-1.12	-6.61	
29482	-1402.6	-1481.8	-8642.9	25.1	-1279.3	1329.4	0.0331	0.0462	0.0055				-1.02	-1.42	-9.09	
29483	-1707.9	-1872.8	-12677.7	102.2	1139.5	712.4	0.0331	0.0462	0.0055				-1.50	-1.92	-12.84	
29484	-5853.1	-2047.1	-8103.4	-935.2	6011.0	1433.9	0.0331	0.0462	0.0055				-0.82	-1.83	-13.35	
29485	-3116.8	-964.9	-2967.1	-400.1	1572.4	509.1	0.0331	0.0462	0.0057				-0.84	-1.48	-4.73	
29486	-1999.7	-753.0	-2561.3	-139.5	1049.5	273.6	0.0331	0.0462	0.0057				-0.71	-1.20	-3.40	
29487	-1181.7	-448.7	-1257.5	105.9	1087.5	273.2	0.0331	0.0462	0.0057	0.64	0.46	3.73	0.00	-0.61	-2.34	0.0
29488	-482.9	-214.1	-397.6	188.3	417.8	100.3	0.0331	0.0462	0.0057	3.24	2.32	18.95	0.00	-0.44	-0.98	0.0
29489	-148.6	-138.6	-202.7	208.5	152.1	16.5	0.0331	0.0462	0.0022	3.39	2.43	50.25	0.00	-0.31	-0.52	0.0
29490	-2.9	-112.6	-123.6	189.4	17.0	-54.4	0.0331	0.0462	0.0022	4.26	3.05	63.05	0.00	-0.25	-0.41	0.0
29491	35.4	-110.9	-62.6	150.1	-74.6	-76.3	0.0331	0.0462	0.0022	5.28	3.78	78.25	0.00	-0.28	-0.39	0.0
29492	12.2	-117.6	55.7	98.2	-91.6	-77.8	0.0331	0.0462	0.0022	5.40	3.87	80.07	0.00	-0.23	-0.35	0.0
29493	-433.0	-224.2	-1614.4	-5.8	-741.1	296.2	0.0331	0.0462	0.0055	0.38	0.28	2.33	0.00	-0.29	-2.02	0.0
29494	-1252.6	-825.8	-4846.0	115.9	-2563.7	208.3	0.0331	0.0462	0.0055	2.46	1.76	14.93	0.00	-0.90	-6.27	0.0
29495	-859.9	-1219.3	-7567.2	-6.2	-416.3	344.1	0.0331	0.0462	0.0055				-0.83	-1.20	-7.61	
29496	-1130.8	-896.2	-5134.7	-135.8	1856.9	339.5	0.0331	0.0462	0.0055				-0.40	-0.87	-5.89	
29497	-863.2	-743.4	-4586.4	11.0	-1022.4	-1086.3	0.0331	0.0462	0.0055				-0.27	-0.82	-5.10	
29498	-1329.5	-1457.3	-9022.9	272.2	-1129.3	-897.9	0.0331	0.0462	0.0055				-0.86	-1.67	-9.28	
29499	-3239.8	-2359.3	-9890.4	-800.0	2776.5	2653.2	0.0331	0.0462	0.0055				-1.51	-2.26	-11.72	
29500	-4168.6	-2034.5	-5816.4	-1395.6	3423.8	2657.5	0.0331	0.0462	0.0057				-0.59	-1.77	-9.66	
29501	-2738.8	-1038.4	-3215.2	-565.0	1412.3	478.4	0.0331	0.0462	0.0057				-0.87	-1.57	-4.56	
29502	-1862.7	-759.0	-2593.8	-205.7	999.4	317.8	0.0331	0.0462	0.0057				-0.70	-1.16	-3.35	
29503	-1145.9	-440.3	-1278.4	57.1	1082.7	311.7	0.0331	0.0462	0.0057	0.58	0.41	3.39	0.00	-0.59	-2.34	0.0
29504	-493.3	-199.5	-412.4	168.3	413.5	102.8	0.0331	0.0462	0.0057	2.67	1.91	15.63	0.00	-0.41	-0.96	0.0
29505	-181.3	-123.6	-212.8	207.4	152.4	17.6	0.0331	0.0462	0.0022	3.06	2.19	45.26	0.00	-0.30	-0.52	0.0
29506	-37.8	-101.6	-129.2	199.8	21.7	-57.4	0.0331	0.0462	0.0022	4.06	2.91	60.12	0.00	-0.24	-0.43	0.0
29507	8.5	-105.0	-62.6	165.3	-71.3	-83.0	0.0331	0.0462	0.0022	5.27	3.78	78.12	0.00	-0.28	-0.40	0.0
29508	-3.3	-116.6	59.1	113.6	-91.0	-83.2	0.0331	0.0462	0.0022	5.59	4.00	82.83	0.00	-0.24	-0.37	0.0
29509	-483.7	-118.4	-1627.4	8.1	-859.8	34.2	0.0331	0.0462	0.0055				-0.02	-0.12	-2.09	
29510	-1246.6	-801.8	-4910.9	76.8	-2716.4	43.5	0.0331	0.0462	0.0055	6.04	4.33	36.67	0.00	-1.00	-6.56	0.0
29511	-858.6	-1202.4	-7503.8	-2.3	-462.6	229.2	0.0331	0.0462	0.0055				-0.83	-1.20	-7.54	
29512	-1110.0	-897.0	-5407.4	-82.1	1580.6	216.2	0.0331	0.0462	0.0055				-0.59	-0.89	-5.94	
29513	-1142.6	-1005.3	-6900.5	63.8	-1879.0	-355.4	0.0331	0.0462	0.0055				-0.53	-1.05	-7.48	
29514	-1442.6	-1586.3	-10749.1	185.7	681.4	491.5	0.0331	0.0462	0.0055				-1.24	-1.71	-10.82	
29515	-4613.9	-1902.6	-7042.3	-832.3	4516.2	1150.5	0.0331	0.0462	0.0055				-1.15	-1.68	-10.73	
29516	-2634.4	-1109.2	-3631.0	-424.3	909.1	367.7	0.0331	0.0462	0.0057				-0.99	-2.12	-4.26	
29517	-2306.8	-1098.7	-3591.3	-388.8	1136.5	493.4	0.0331	0.0462	0.0057				-0.97	-1.65	-4.37	
29518	-1708.4	-792.4	-2818.5	-184.9	942.0	266.2	0.0331	0.0462	0.0057				-0.75	-1.17	-3.40	
29519	-1096.2	-460.6	-1379.8	-47.3	1123.1	354.9	0.0331	0.0462	0.0057				-0.01	-0.51	-2.42	
29520	-492.0	-196.8	-437.9	160.7	412.2	128.4	0.0331	0.0462	0.0057	2.78	1.99	16.26	0.00	-0.43	-0.97	0.0
29521	-207.6	-114.1	-226.7	208.1	154.5	18.8	0.0331	0.0462	0.0022	2.85	2.04	42.21	0.00	-0.30	-0.53	0.0
29522	-71.0	-93.0	-135.7	207.2	26.2	-62.5	0.0331	0.0462	0.0022	3.86	2.76	57.19	0.00	-0.24	-0.44	0.0
29523	-19.9	-98.8	-62.1	177.8	-67.7	-90.3	0.0331	0.0462	0.0022	5.25	3.76	77.84	0.00	-0.28	-0.42	0.0
29524	-20.9	-112.1	64.1	129.0	-89.6	-87.7	0.0331	0.0462	0.0022	5.79	4.14	85.71	0.00	-0.25	-0.40	0.0
29540	-49.1	62.5	68.6	30.7	44.2	-141.0	0.0059	0.0455	0.0127	34.82	4.55	16.28	0.00	-0.21	-0.32	0.0
29556	-52.0	64.8	68.4	28.3	63.1	-146.9	0.0069	0.0450	0.0127	31.30	4.80	16.99	0.00	-0.22	-0.35	0.0
29572	-54.4	66.5	67.0	25.0	84.4	-151.0	0.0081	0.0444	0.0127	27.88	5.06	17.67	0.00	-0.22	-0.37	0.0
29588	-56.2	68.0	65.0	21.7	109.1	-153.4	0.0094	0.0438	0.0127	24.98	5.35	18.43	0.00	-0.22	-0.40	0.0
29604	-75.8	147.0	-195.9	-34.9	230.1	-157.1	0.0059	0.0276	0.0127	44.37	9.41	20.48	0.00	-0.25	-0.65	0.0
29620	-73.1	148.8	-212.7	-45.7	253.7	-160.5	0.0068	0.0272	0.0127	40.95	10.20	21.82	0.00	-0.27	-0.70	0.0
29636	-68.8	149.3	-235.5	-57.7	281.0	-161.2	0.0079	0.0266	0.0127	37.40	11.04	23.15	0.00	-0.28	-0.76	0.0
29652	-62.9	148.7	-265.5	-70.4	311.4	-158.8	0.0091	0.0260	0.0127	34.09	11.95	24.47	0.00	-0.30	-0.81	0.0
29668	-92.1	150.5	-615.2	-49.6	360.3	-145.5	0.0058	0.0277	0.0127	41.80	8.75	19.06	0.00	-0.23	-1.05	0.0
29684	-87.4	151.6	-642.8	-61.7	381.2	-145.1	0.0067	0.0273	0.0127	38.72	9.45	20.27	0.00	-0.25	-1.10	0.0
29700	-81.0	151.6	-680.1	-75.0	405.4	-140.8	0.0077	0.0267	0.0127	35.47	10.20	21.46	0.00	-0.26	-1.17	0.0
29716	-72.9	150.1	-727.8	-89.4	431.8	-132.4	0.0089	0.0261	0.0127	32.35	11.00	22.62	0.00	-0.28	-1.24	0.0
29732	-101.5	116.3	-1016.3	-53.3	442.0	-119.3	0.0057	0.0277	0.0127	34.31	7.09	15.46	0.00	-0.19	-1.40	0.0
29748	-96.1	117.3	-1044.2	-64.3	457.4	-112.7	0.0065	0.0273	0.0127	31.85	7.63	16.39	0.00	-0.21	-1.44	0.0
29764	-89.1	117.4	-1082.4	-76.3	475.4	-102.2	0.0075	0.0268	0.0127	29.26	8.21	17.33	0.00	-0.22	-1.50	0.0
29780	-80.8	116.3	-1130.7	-89.3	494.6	-87.1	0.0087	0.0262	0.0127	26.74	8.83	18.24	0.00	-0.23	-1.56	0.0
29796	-106.2	71.8	-1328.0	-52.2	491.4	110.9	0.0057	0.0277	0.0127	15.60	3.18	6.95	0.00	-0.03	-1.60	0.0
29812	-100.7	73.0	-1349.7	-61.2	500.8	119.9	0.0064	0.0274	0.0127	15.25	3.59	7.73	0.00	-0.04	-1.64	0.0
29828	-93.8	73.5	-1380.7	-71.1	511.9	131.6	0.0074	0.0269	0.0127	14.85	4.07	8.62	0.00	-0.05	-1.68	0.0
29844	-86.0	73.1	-1420.0	-81.9	523.6	146.6	0.0085	0.0264	0.0127	14.38	4.62	9.57	0.00	-0.06	-1.74	0.0
29860	-108.1	29.7	-1542.8	-49.5	521.3	150.8	0.0056	0.0188	0.0127	10.94	3.26	4.83	0.00	-0.02	-1.79	0.0
29876	-102.7	31.2	-1556.2	-56.6	525.3	165.6	0.0063	0.0185	0.0127	10.67	3.66	5.32	0.00	-0.02	-1.81	0.0
29892	-96.3	32.1	-1577.1	-64.5	530.1	182.4	0.0072	0.0180	0.0127	10.41	4.18	5.93	0.00	-0.02	-1.84	0.0
29908	-89.0	32.2	-1604.3	-73.0	535.0	201.8	0.0083	0.0175	0.0127	10.11	4.77	6.58	0.00	-0.03	-1.88	0.0
29924	-109.5	-6.0	-1679.3	-46.5	541.0	183.3	0.0056	0.0189	0.0127	10.98	3.23	4.80	0.00	-0.05	-1.93	0.0
29940	-104.0	-4.2	-1684.3	-52.0	540.0	202.6	0.0063	0.0185	0.0127	10.41	3.52	5.12	0.00	-0.05	-1.94	0.0
29956	-97.6	-2.8	-1694.9	-57.9	539.1	223.1	0.0071	0.0181	0.0127	9.79	3.84	5.47	0.00	-0.05	-1.96	0.0
29972	-90.5	-1.9	-1709.8	-64.4	537.8	245.2	0.0081	0.0176	0.0127	9.13	4.20	5.81	0.00	-0.04	-1.98	0.0
29973	25.0	-89.7	49.9	-53.8	69.8	-23.8	0.0331	0.0462	0.0140	3.68	2.64	8.73	0.00	-0.15	-0.23	0.0
29974	68.8	-85.6	-21.6	-79.7	80.4	-31.4	0.0331	0.0462	0.0140	4.44	3.18	10.51	0.00	-0.21	-0.27	0.0
29975	83.2	-80.6	-65.8	-101.7	56.3	-28.3	0.0331	0.0462	0.0140	4.54	3.25	10.76	0.00	-0.23	-0.28	0.0
29976	34.8	-85.9	-135.8	-118.3	-52.4	-22.2	0.0331	0.0462	0.0140	3.38	2.42	8.01	0.00	-0.21	-0.31	0.0
29977	-130.4	-121.2	-285.5	-129.0	-225.3	48.0	0.0331	0.0462	0.0140	3.27	2.34	7.74	0.00	-0.30	-0.56	0.0
29978	-570.3	-317.6	-1180.2	-101.5	-844.2	244.0	0.0331	0.0462	0.0057	4.08	2.92	23.87	0.00	-0.55	-1.92	0.0
29979	-846.4	-529.5	-2445.0	-98.8	-299.1	233.8	0.0331	0.0462	0.0057				-0.45	-0.85	-2.52	
29980	-933.3	-461.9	-2070.4	122.7	177.4	162.0	0.0331	0.0462	0.0057				-0.41	-0.95	-2.11	
29981	-1541.2	-627.5	-2729.3	287.3	-1578.4	424.7	0.0331	0.0462	0.0057				-0.45	-0.55	-3.90	
29982	-675.4	-671.8	-4397.2	-93.2	-744.6	398.1	0.0331	0.0462	0.0055				-0.41	-0.76	-4.58	
29983	-733.7	-578.5	-4690.9	-108.6	-522.6	307.3	0.0331	0.0462	0.0055				-0.46	-0.77	-4.78	
29984	-868.9	-507.9	-5239.2	-108.6	-502.1	226.2	0.0331	0.0462	0.0055				-0.45	-0.86	-5.31	
29985	-929.9	-528.5	-5748.3	-108.1	-524.4	145.7	0.0331	0.0462	0.0055				-0.49	-0.91	-5.81	
29986	-972.9	-573.6	-6238.8	-57.4	-505.7	87.7	0.0331	0.0462	0.0055				-0.56	-0.94	-6.29	
29987	-1080.3	-567.3	-6786.5	11.6	-477.0	74.5	0.0331	0.0462	0.0055				-0.57	-1.04	-6.83	
29988	-1212.4	-555.3	-7327.2	-23.1	-497.5	85.3	0.0331	0.0462	0.0055				-0.55	-1.17	-7.37	
29989	20.8	-90.1	51.7	-59.7	74.4	-20.2	0.0331	0.0462	0.0140	3.80	2.72	9.01	0.00	-0.15	-0.24	0.0
29990	61.5	-86.4	-24.0	-83.7	81.4	-33.4	0.0331	0.0462	0.0140	4.38	3.14	10.38	0.00	-0.21	-0.27	0.0
29991	71.4	-83.3	-75.2	-102.5	51.5	-29.6	0.0331	0.0462	0.0140	4.20	3.00	9.95	0.00	-0.23	-0.27	0.0
29992	11.7	-98.8	-160.0	-108.9	-75.5	-17.4	0.0331	0.0462	0.0140	2.76	1.97	6.53	0.00	-0.21	-0.31	0.0
29993	-251.7	-184.9	-622.9	-103.6	-467.9	-138.9	0.0331	0.0462	0.0140	2.01	1.44	4.75	0.00	-0.21	-1.04	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
29994	-575.2	-349.4	-1588.8	-75.3	-501.9	-131.8	0.0331	0.0462	0.0057				-0.33	-0.38	-1.81	
29995	-784.2	-446.3	-2191.4	88.7	-233.9	61.1	0.0331	0.0462	0.0057				-0.42	-0.77	-2.23	
29996	-868.9	-380.9	-1891.5	160.0	116.4	77.3	0.0331	0.0462	0.0057				-0.33	-0.91	-1.91	
29997	-1443.2	-564.3	-2633.1	365.1	-1541.0	484.4	0.0331	0.0462	0.0057				-0.38	-0.46	-3.80	
29998	-633.7	-649.0	-4242.2	34.3	-761.6	458.0	0.0331	0.0462	0.0055				-0.46	-0.62	-4.45	
29999	-540.0	-615.0	-3681.2	35.9	255.3	785.2	0.0331	0.0462	0.0055				-0.37	-0.58	-3.89	
30000	-573.4	-573.6	-3092.7	73.8	-473.4	1258.8	0.0331	0.0462	0.0055				-0.03	-0.53	-3.68	
30001	-857.1	-688.6	-4235.2	39.8	-1100.1	844.3	0.0331	0.0462	0.0055				-0.33	-0.72	-4.73	
30002	-710.2	-740.9	-5487.6	15.8	-510.6	378.1	0.0331	0.0462	0.0055				-0.65	-0.72	-5.57	
30003	-844.1	-830.2	-4969.9	45.0	605.0	1009.8	0.0331	0.0462	0.0055				-0.48	-0.88	-5.28	
30004	-772.9	-899.3	-4139.7	91.0	-215.9	1873.9	0.0331	0.0462	0.0055				-0.04	-0.76	-5.01	
30005	15.8	-89.5	53.6	-64.9	81.7	-17.3	0.0331	0.0462	0.0140	4.00	2.86	9.47	0.00	-0.16	-0.26	0.0
30006	52.8	-85.7	-26.8	-87.7	82.5	-35.1	0.0331	0.0462	0.0140	4.31	3.09	10.22	0.00	-0.22	-0.27	0.0
30007	56.9	-83.6	-85.3	-104.7	45.8	-28.9	0.0331	0.0462	0.0140	3.82	2.74	9.06	0.00	-0.23	-0.27	0.0
30008	-12.6	-99.0	-192.1	-107.4	-97.4	27.8	0.0331	0.0462	0.0140	2.81	2.01	6.65	0.00	-0.25	-0.33	0.0
30009	-255.5	-203.3	-675.1	-52.9	-454.8	369.4	0.0331	0.0462	0.0057	6.30	4.51	36.82	0.00	-0.49	-1.27	0.0
30010	-558.9	-359.9	-1610.5	72.1	-486.5	388.8	0.0331	0.0462	0.0057				-0.23	-0.40	-1.90	
30011	-760.7	-445.9	-2225.5	109.6	-251.7	75.8	0.0331	0.0462	0.0057				-0.41	-0.75	-2.27	
30012	-760.9	-388.7	-1906.4	191.4	236.6	25.1	0.0331	0.0462	0.0057				-0.30	-0.80	-1.95	
30013	-1004.2	-455.0	-1904.4	418.4	-891.2	749.9	0.0331	0.0462	0.0057				-0.13	-0.46	-2.77	
30014	-913.0	-663.4	-3426.4	230.7	-1076.4	834.0	0.0331	0.0462	0.0055				-0.40	-0.56	-4.04	
30015	-483.1	-584.1	-3636.2	-132.7	278.4	-454.4	0.0331	0.0462	0.0055				-0.32	-0.66	-3.72	
30016	-358.1	-345.4	-2315.0	-47.3	241.2	-492.1	0.0331	0.0462	0.0055				-0.17	-0.40	-2.46	
30017	-800.7	-571.9	-3330.6	101.2	-1603.0	301.2	0.0331	0.0462	0.0055				-0.02	-0.55	-4.14	
30018	-556.7	-868.3	-5502.9	16.9	-488.5	326.4	0.0331	0.0462	0.0055				-0.51	-0.85	-5.57	
30019	-633.9	-609.8	-3866.2	-107.5	1696.7	223.7	0.0331	0.0462	0.0055	2.82	2.02	17.11	0.00	-0.69	-4.70	0.0
30020	-254.4	-190.0	-1448.5	-14.8	264.9	308.7	0.0331	0.0462	0.0055				-0.10	-0.22	-1.57	
30021	10.2	-86.7	56.2	-69.6	89.8	-14.5	0.0331	0.0462	0.0140	4.22	3.02	9.99	0.00	-0.17	-0.27	0.0
30022	42.7	-83.4	-29.5	-90.6	83.9	-35.2	0.0331	0.0462	0.0140	4.20	3.01	9.95	0.00	-0.22	-0.27	0.0
30023	43.2	-81.2	-94.3	-101.5	43.1	-22.4	0.0331	0.0462	0.0140	3.37	2.41	7.98	0.00	-0.22	-0.25	0.0
30024	-15.4	-97.6	-200.9	-86.6	-82.1	60.4	0.0331	0.0462	0.0140	2.31	1.66	5.49	0.00	-0.23	-0.32	0.0
30025	-149.3	-155.3	-390.4	-44.3	-225.7	74.3	0.0331	0.0462	0.0022	0.60	0.43	8.87	0.00	-0.20	-0.55	0.0
30026	-545.6	-356.2	-1260.8	95.3	-861.4	171.4	0.0331	0.0462	0.0057	0.91	0.65	5.34	0.00	-0.36	-1.89	0.0
30027	-790.5	-571.4	-2604.9	110.2	-360.6	-171.4	0.0331	0.0462	0.0057				-0.48	-0.80	-2.68	
30028	-809.4	-560.7	-2639.8	127.8	118.5	-543.6	0.0331	0.0462	0.0057				-0.40	-0.82	-2.78	
30029	-698.0	-414.4	-1986.1	146.9	177.9	-513.7	0.0331	0.0462	0.0057				-0.24	-0.69	-2.17	
30030	-1136.3	-577.5	-2679.3	305.2	-1282.0	310.2	0.0331	0.0462	0.0057				-0.34	-0.59	-3.47	
30031	-618.4	-626.8	-4216.8	-49.0	-633.0	321.3	0.0331	0.0462	0.0055				-0.44	-0.67	-4.35	
30032	-458.9	-476.8	-3333.8	-32.9	645.1	-168.5	0.0331	0.0462	0.0055				-0.29	-0.49	-3.48	
30033	-726.7	-585.7	-3422.0	69.1	-1425.9	223.2	0.0331	0.0462	0.0055				-0.11	-0.57	-4.05	
30034	-539.5	-864.0	-5433.4	-15.9	-450.3	237.9	0.0331	0.0462	0.0055				-0.49	-0.86	-5.49	
30035	-639.6	-579.1	-3903.1	-101.0	1879.7	51.2	0.0331	0.0462	0.0055	6.77	4.85	41.07	0.00	-0.81	-4.99	0.0
30036	-294.0	-71.4	-1440.8	-35.5	393.2	32.8	0.0331	0.0462	0.0055				-0.06	-0.18	-1.56	
30037	-14.4	6.8	119.4	-23.7	46.3	-49.4	0.0059	0.0455	0.0244	25.88	3.38	6.29	0.00	-0.16	-0.19	0.0
30053	-17.0	8.3	119.1	-23.2	45.6	-44.5	0.0069	0.0450	0.0244	21.76	3.34	6.14	0.00	-0.16	-0.18	0.0
30069	-19.6	9.6	117.3	-21.8	45.1	-39.5	0.0081	0.0444	0.0244	18.02	3.27	5.94	0.00	-0.15	-0.18	0.0
30085	-21.6	9.9	113.7	-20.6	43.1	-34.7	0.0094	0.0438	0.0244	14.74	3.16	5.66	0.00	-0.14	-0.18	0.0
30101	-22.5	49.8	62.5	-6.2	-73.3	-56.8	0.0059	0.0276	0.0244	22.57	4.79	5.42	0.00	-0.10	-0.21	0.0
30117	-22.1	50.0	47.8	8.9	-83.8	-55.1	0.0068	0.0272	0.0244	19.94	4.96	5.52	0.00	-0.11	-0.22	0.0
30133	-21.3	49.8	26.5	13.3	-96.9	-53.1	0.0079	0.0266	0.0244	16.94	5.00	5.45	0.00	-0.11	-0.23	0.0
30149	-20.2	49.4	-2.4	17.3	-113.1	-50.8	0.0091	0.0260	0.0244	14.47	5.07	5.40	0.00	-0.11	-0.26	0.0
30165	-20.9	52.5	-70.9	17.5	-148.0	-50.8	0.0058	0.0277	0.0244	22.75	4.76	5.39	0.00	-0.10	-0.33	0.0
30181	-18.6	53.0	-98.7	24.1	-158.3	-51.3	0.0067	0.0273	0.0244	20.45	4.99	5.57	0.00	-0.11	-0.36	0.0
30197	-15.9	53.0	-136.9	30.8	-171.6	-50.6	0.0077	0.0267	0.0244	18.22	5.24	5.73	0.00	-0.12	-0.40	0.0
30213	-12.9	53.0	-186.3	37.3	-187.9	-48.6	0.0089	0.0261	0.0244	16.21	5.51	5.90	0.00	-0.13	-0.45	0.0
30229	-16.0	47.3	-182.9	32.1	-204.7	44.7	0.0057	0.0277	0.0244	21.24	4.39	4.98	0.00	-0.07	-0.45	0.0
30245	-11.7	49.6	-221.2	41.9	-212.9	60.7	0.0065	0.0273	0.0244	18.51	4.43	4.95	0.00	-0.06	-0.49	0.0
30261	-6.7	50.7	-271.1	51.0	-223.8	74.5	0.0075	0.0268	0.0244	16.21	4.55	4.99	0.00	-0.05	-0.54	0.0
30277	-1.4	50.4	-332.4	59.3	-236.9	88.0	0.0087	0.0262	0.0244	14.39	4.75	5.10	0.00	-0.06	-0.60	0.0
30293	35.1	63.1	-207.0	49.8	-255.6	92.8	0.0057	0.0277	0.0244	34.84	7.11	8.08	0.00	-0.11	-0.59	0.0
30309	41.9	69.7	-259.9	64.5	-260.9	114.4	0.0064	0.0274	0.0244	29.88	7.03	7.87	0.00	-0.09	-0.64	0.0
30325	49.1	73.5	-325.0	77.6	-267.6	130.1	0.0074	0.0269	0.0244	25.70	7.05	7.76	0.00	-0.08	-0.69	0.0
30341	55.4	72.6	-398.9	87.3	-275.7	142.6	0.0085	0.0264	0.0244	22.42	7.20	7.76	0.00	-0.08	-0.76	0.0
30357	-18.2	90.9	-40.6	99.9	-316.1	166.9	0.0056	0.0188	0.0244	53.43	15.90	12.26	0.00	-0.15	-0.72	0.0
30373	-6.5	104.2	-122.7	129.5	-317.5	204.3	0.0063	0.0185	0.0244	42.67	14.65	11.07	0.00	-0.08	-0.76	0.0
30389	6.8	118.6	-224.0	157.2	-318.8	228.1	0.0072	0.0180	0.0244	32.23	12.94	9.54	0.00	0.00	-0.79	0.0
30405	16.6	126.6	-335.8	180.9	-316.8	238.1	0.0083	0.0175	0.0244	31.53	14.89	10.67	0.00	-0.08	-0.90	0.0
30421	1441.7	392.6	722.2	81.1	947.9	184.7	0.0169	0.0257	0.0244	125.30	82.19	86.47	0.00	-1.70	-2.08	0.0
30437	1405.0	388.2	587.3	108.7	903.7	235.3	0.0176	0.0254	0.0244	114.88	79.56	82.56	0.00	-1.61	-2.06	0.0
30453	1363.2	380.6	422.7	142.1	846.7	274.2	0.0184	0.0249	0.0244	103.55	76.47	78.02	0.00	-1.51	-2.04	0.0
30469	1311.5	373.6	225.7	197.2	763.3	302.7	0.0194	0.0244	0.0244	91.57	72.68	72.69	0.00	-1.42	-2.00	0.0
30485	-38.4	-113.4	67.4	140.6	-88.4	-93.9	0.0331	0.0462	0.0022	5.93	4.25	87.89	0.00	-0.25	-0.42	0.0
30486	-54.4	-111.6	69.9	150.4	-89.0	-99.0	0.0331	0.0462	0.0022	6.11	4.37	90.49	0.00	-0.26	-0.44	0.0
30487	-45.6	-98.1	-62.6	187.1	-64.6	-97.8	0.0331	0.0462	0.0022	5.20	3.72	76.98	0.00	-0.28	-0.44	0.0
30488	-67.5	-93.0	-63.2	195.0	-61.9	-104.0	0.0331	0.0462	0.0022	5.23	3.74	77.44	0.00	-0.29	-0.45	0.0
30489	-100.1	-90.6	-143.1	214.1	30.8	-67.9	0.0331	0.0462	0.0022	3.68	2.63	54.48	0.00	-0.24	-0.46	0.0
30490	-124.8	-83.0	-149.8	220.0	34.8	-71.3	0.0331	0.0462	0.0022	3.64	2.61	53.92	0.00	-0.25	-0.47	0.0
30491	-231.5	-109.7	-240.3	213.2	156.6	20.6	0.0331	0.0462	0.0022	2.76	1.97	40.85	0.00	-0.31	-0.55	0.0
30492	-254.6	-96.5	-252.0	216.5	160.5	22.7	0.0331	0.0462	0.0022	2.82	2.02	41.84	0.00	-0.31	-0.57	0.0
30493	-496.5	-187.2	-467.7	167.6	411.0	145.0	0.0331	0.0462	0.0022	3.00	2.15	44.49	0.00	-0.46	-0.99	0.0
30494	-493.5	-166.2	-464.9	162.3	377.3	188.7	0.0331	0.0462	0.0022	3.53	2.52	52.23	0.00	-0.50	-0.97	0.0
30495	-977.5	-421.3	-1201.1	-34.5	916.2	693.7	0.0331	0.0462	0.0057	6.37	4.56	37.23	0.00	-0.83	-2.40	0.0
30496	-875.8	-332.3	-912.7	60.4	703.4	333.4	0.0331	0.0462	0.0057	0.98	0.70	5.75	0.00	-0.56	-1.66	0.0
30497	-1626.6	-764.8	-2674.7	-149.2	1237.9	733.6	0.0331	0.0462	0.0057				-0.41	-0.99	-3.66	
30498	-1611.3	-698.0	-2367.3	-126.6	1606.2	612.6	0.0331	0.0462	0.0057				-0.16	-0.77	-3.74	
30499	-2207.3	-1000.6	-3967.6	-227.0	972.2	93.4	0.0331	0.0462	0.0057				-0.96	-1.81	-4.41	
30500	-2222.8	-1091.1	-4325.3	-268.2	1001.5	377.1	0.0331	0.0462	0.0057				-1.02	-1.84	-4.78	
30501	-2896.6	-1111.7	-4066.0	-514.7	992.2	199.9	0.0331	0.0462	0.0057				-0.97	-2.42	-4.69	
30502	-2790.8	-1267.4	-4639.1	-604.1	1081.5	201.8	0.0331	0.0462	0.0057				-1.05	-2.46	-5.19	
30503	-4629.7	-1879.4	-7464.9	-1085.3	4668.8	1529.1	0.0331	0.0462	0.0057				-1.16	-1.51	-11.30	
30504	-3676.9	-2230.0	-6440.9	-1461.0	2874.4	2498.7	0.0331	0.0462	0.0057				-1.06	-1.88	-9.41	
30505	-1560.5	-1481.9	-10799.5	156.9	921.1	648.1	0.0331	0.0462	0.0055				-1.23	-1.67	-10.93	
30506	-2618.9	-2173.9	-9086.5	-801.5	2014.3	2601.6	0.0331	0.0462	0.0055				-1.29	-2.05	-10.55	
30507	-1282.4	-1197.2	-7939.7	177.2	-839.8	-886.2	0.0331	0.0462	0.0055				-0.85	-1.42	-8.15	
30508	-1345.4	-1202.2	-8878.0	146.0	407.2	425.0	0.0331	0.0462	0.0055				-1.07	-1.43	-8.92	
30509	-1143.6	-1071.0	-6656.2	-28.0	718.5	-748.5	0.0331	0.0462	0.0055				-0.89	-1.14	-6.84	
30510	-1164.2	-1050.1	-7669.9	23.8	-265.6	240.0	0.0331	0.0462	0.0055				-1.04	-1.16	-7.69	
30511	-902.4	-1136.3	-7325.2	11.7	-521.0	164.8	0.0331	0.0462	0.0055				-0.86	-1.13	-7.37	
30512	-951.4	-1074.3	-7196.9	71.2	-531.9	179.6	0.0331	0.0462	0.0055				-0.89	-1.09	-7.25	

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
30513	-1216.4	-792.0	-4898.0	29.8	-2663.1	-126.9	0.0331	0.0462	0.0055	5.67	4.06	34.40	0.00	-0.99	-6.48	0.0
30514	-1174.9	-800.8	-4854.9	24.7	-2504.6	-196.4	0.0331	0.0462	0.0055	3.22	2.30	19.53	0.00	-0.92	-6.23	0.0
30515	-506.5	-152.5	-1710.4	-16.5	-851.7	-113.8	0.0331	0.0462	0.0055				-0.05	-0.16	-2.16	
30516	-505.0	-255.2	-1831.0	7.6	-753.3	-284.5	0.0331	0.0462	0.0055				-0.07	-0.32	-2.21	
30517	-57.8	68.0	61.3	18.2	131.5	-156.5	0.0105	0.0432	0.0127	23.20	5.66	19.23	0.00	-0.23	-0.43	0.0
30518	-58.6	68.7	55.1	-21.2	149.4	-158.5	0.0114	0.0427	0.0127	23.33	6.25	21.02	0.00	-0.28	-0.46	0.0
30549	-56.9	146.0	-295.8	-80.4	338.2	-156.2	0.0102	0.0255	0.0127	31.74	12.74	25.53	0.00	-0.31	-0.87	0.0
30550	-50.6	144.8	-325.4	-89.0	358.6	-153.5	0.0111	0.0250	0.0127	30.23	13.40	26.39	0.00	-0.32	-0.92	0.0
30581	-64.7	147.3	-773.2	-100.6	454.2	-123.4	0.0099	0.0256	0.0127	30.05	11.65	23.49	0.00	-0.29	-1.30	0.0
30582	-56.4	145.5	-813.8	-110.2	470.4	-114.9	0.0108	0.0252	0.0127	28.58	12.21	24.21	0.00	-0.30	-1.35	0.0
30613	-72.5	114.2	-1175.4	-99.4	510.3	91.7	0.0097	0.0257	0.0127	19.11	7.17	14.53	0.00	-0.12	-1.57	0.0
30614	-64.2	112.6	-1213.6	-107.8	520.9	100.8	0.0105	0.0254	0.0127	18.63	7.68	15.33	0.00	-0.13	-1.62	0.0
30645	-78.3	71.8	-1455.9	-90.1	532.7	159.4	0.0094	0.0259	0.0127	13.95	5.07	10.33	0.00	-0.07	-1.79	0.0
30646	-70.8	70.6	-1486.0	-96.8	538.1	171.0	0.0102	0.0255	0.0127	13.70	5.46	10.95	0.00	-0.08	-1.83	0.0
30677	-82.2	31.6	-1629.3	-79.4	538.4	217.1	0.0092	0.0171	0.0127	9.86	5.30	7.12	0.00	-0.03	-1.92	0.0
30678	-75.6	30.7	-1650.2	-84.5	539.5	230.1	0.0099	0.0167	0.0127	9.73	5.76	7.57	0.00	-0.04	-1.95	0.0
30709	-83.9	-1.8	-1724.0	-69.1	536.1	261.7	0.0090	0.0172	0.0127	8.65	4.51	6.10	0.00	-0.04	-2.00	0.0
30710	-77.7	-2.2	-1736.4	-72.7	533.3	274.8	0.0096	0.0168	0.0127	8.34	4.77	6.32	0.00	-0.04	-2.02	0.0
30741	-328.7	-107.1	-1518.6	-31.9	403.2	-121.5	0.0331	0.0462	0.0055				-0.07	-0.24	-1.65	
30742	-349.0	-224.8	-1646.1	-50.9	331.0	-304.2	0.0331	0.0462	0.0055				-0.09	-0.35	-1.78	
30743	-644.8	-581.0	-3877.0	-68.9	1853.9	-123.9	0.0331	0.0462	0.0055	6.49	4.65	39.40	0.00	-0.81	-4.94	0.0
30744	-648.7	-606.0	-3826.7	-70.3	1719.3	-207.1	0.0331	0.0462	0.0055	4.02	2.88	24.39	0.00	-0.76	-4.72	0.0
30745	-567.5	-823.6	-5275.1	-36.6	-417.9	184.2	0.0331	0.0462	0.0055				-0.52	-0.83	-5.32	
30746	-608.4	-780.8	-5134.7	-77.8	-417.0	177.5	0.0331	0.0462	0.0055				-0.53	-0.81	-5.18	
30747	-687.9	-664.8	-4031.3	-33.4	-937.9	-368.4	0.0331	0.0462	0.0055				-0.42	-0.65	-4.31	
30748	-669.6	-642.4	-4516.4	-16.9	-575.2	229.9	0.0331	0.0462	0.0055				-0.55	-0.66	-4.61	
30749	-596.8	-592.0	-3796.1	-102.0	-174.7	-491.0	0.0331	0.0462	0.0055				-0.47	-0.63	-3.88	
30750	-677.5	-581.9	-4208.5	-44.2	-628.5	300.5	0.0331	0.0462	0.0055				-0.47	-0.66	-4.34	
30751	-662.7	-581.6	-4035.2	-35.6	-682.0	372.3	0.0331	0.0462	0.0055				-0.43	-0.64	-4.20	
30752	-847.0	-696.4	-3524.5	216.4	-936.8	862.0	0.0331	0.0462	0.0055				-0.44	-0.57	-4.05	
30753	-1070.7	-574.6	-2782.6	369.9	-1119.0	395.7	0.0331	0.0462	0.0057				-0.34	-0.65	-3.43	
30754	-837.4	-628.0	-2352.0	401.6	-684.1	771.3	0.0331	0.0462	0.0057				-0.28	-0.60	-2.94	
30755	-846.8	-605.0	-2981.0	140.3	642.9	-423.2	0.0331	0.0462	0.0057				-0.53	-0.67	-3.24	
30756	-811.1	-676.4	-3127.5	141.9	804.2	-254.2	0.0331	0.0462	0.0057				-0.53	-0.68	-3.41	
30757	-1006.1	-783.2	-3723.6	87.0	-124.6	-416.0	0.0331	0.0462	0.0057				-0.69	-1.04	-3.79	
30758	-1068.3	-880.5	-4082.4	90.7	-67.1	-51.2	0.0331	0.0462	0.0057				-0.84	-1.10	-4.08	
30759	-914.3	-750.0	-3328.0	75.9	-482.8	-276.6	0.0331	0.0462	0.0057				-0.64	-0.91	-3.45	
30760	-1002.6	-848.6	-3792.9	57.6	-500.0	87.0	0.0331	0.0462	0.0057				-0.83	-0.94	-3.88	
30761	-634.0	-471.1	-1605.9	89.6	-1087.5	220.7	0.0331	0.0462	0.0057	2.27	1.62	13.26	0.00	-0.52	-2.42	0.0
30762	-709.6	-550.3	-1848.0	77.9	-1255.0	444.0	0.0331	0.0462	0.0057	4.45	3.19	26.04	0.00	-0.67	-2.88	0.0
30763	-161.7	-194.3	-436.7	-49.6	-316.2	73.4	0.0331	0.0462	0.0022	2.14	1.54	31.76	0.00	-0.29	-0.72	0.0
30764	-192.2	-227.8	-508.7	-64.5	-368.8	111.3	0.0331	0.0462	0.0022	2.80	2.01	41.50	0.00	-0.36	-0.85	0.0
30765	-4.2	-113.0	-195.9	-87.1	-64.6	14.2	0.0331	0.0462	0.0022	1.81	1.30	26.80	0.00	-0.22	-0.28	0.0
30766	-18.5	-129.1	-220.6	-98.4	-94.4	17.9	0.0331	0.0462	0.0022	2.05	1.47	30.36	0.00	-0.24	-0.33	0.0
30767	37.8	-86.5	-101.7	-98.3	47.6	-25.2	0.0331	0.0462	0.0140	3.20	2.29	7.58	0.00	-0.22	-0.25	0.0
30768	32.4	-94.8	-110.4	-103.9	46.7	-37.9	0.0331	0.0462	0.0140	3.23	2.31	7.65	0.00	-0.23	-0.26	0.0
30769	34.4	-84.6	-32.2	-91.5	86.5	-36.2	0.0331	0.0462	0.0140	4.11	2.94	9.74	0.00	-0.22	-0.27	0.0
30770	28.4	-86.7	-35.3	-94.0	89.6	-40.5	0.0331	0.0462	0.0140	4.14	2.96	9.81	0.00	-0.23	-0.28	0.0
30771	4.6	-86.6	57.8	-72.2	97.5	-14.0	0.0331	0.0462	0.0140	4.41	3.16	10.45	0.00	-0.18	-0.28	0.0
30772	-0.3	-86.3	58.7	-74.3	105.6	-14.3	0.0331	0.0462	0.0140	4.61	3.30	10.94	0.00	-0.19	-0.29	0.0
30803	-24.2	8.4	108.3	-19.8	40.1	-33.0	0.0105	0.0432	0.0244	12.42	3.03	5.35	0.00	-0.13	-0.17	0.0
30804	-27.5	8.0	100.8	-20.3	36.3	-33.0	0.0114	0.0427	0.0244	10.70	2.87	5.01	0.00	-0.12	-0.16	0.0
30835	-19.9	47.4	-32.5	20.6	-128.7	-50.0	0.0102	0.0255	0.0244	12.91	5.18	5.40	0.00	-0.11	-0.29	0.0
30836	-19.7	46.8	-62.3	23.6	-142.0	-49.7	0.0111	0.0250	0.0244	11.95	5.30	5.43	0.00	-0.11	-0.32	0.0
30867	-10.4	51.5	-234.3	42.4	-202.9	54.8	0.0099	0.0256	0.0244	11.17	4.33	4.54	0.00	-0.05	-0.48	0.0
30868	-8.3	51.2	-277.7	47.1	-215.1	61.0	0.0108	0.0252	0.0244	10.54	4.50	4.64	0.00	-0.05	-0.52	0.0
30899	3.0	48.3	-389.7	65.6	-248.6	97.7	0.0097	0.0257	0.0244	13.25	4.97	5.24	0.00	-0.06	-0.66	0.0
30900	7.7	46.9	-438.7	69.8	-257.6	106.1	0.0105	0.0254	0.0244	12.57	5.18	5.38	0.00	-0.07	-0.71	0.0
30931	61.1	68.1	-463.6	91.1	-283.4	151.5	0.0094	0.0259	0.0244	20.31	7.39	7.82	0.00	-0.09	-0.82	0.0
30932	61.4	63.5	-517.7	98.8	-287.9	161.4	0.0102	0.0255	0.0244	18.75	7.47	7.80	0.00	-0.09	-0.87	0.0
30963	19.0	123.6	-427.4	189.4	-311.9	236.6	0.0092	0.0171	0.0244	29.18	15.70	10.96	0.00	-0.12	-0.96	0.0
30964	42.3	113.0	-492.2	168.2	-312.9	233.1	0.0099	0.0167	0.0244	25.31	14.99	10.24	0.00	-0.11	-0.98	0.0
30995	1258.7	376.3	39.4	272.0	657.3	316.5	0.0203	0.0172	0.0244	81.79	96.54	67.82	0.00	-1.34	-1.96	0.0
30996	1061.6	362.4	-151.9	414.4	-535.3	332.5	0.0209	0.0168	0.0244	64.39	80.14	55.18	0.00	-0.84	-1.93	0.0
30997	-763.4	-269.9	-735.9	88.2	631.7	293.8	0.0331	0.0462	0.0057	2.82	2.02	16.51	0.00	-0.56	-1.49	0.0
30998	-444.6	-140.5	-402.5	175.3	305.4	115.1	0.0331	0.0462	0.0022	2.31	1.66	34.27	0.00	-0.41	-0.81	0.0
30999	-257.8	-86.6	-244.5	215.4	146.8	22.0	0.0331	0.0462	0.0022	2.78	1.99	41.20	0.00	-0.31	-0.56	0.0
31000	-583.1	-179.2	-537.2	153.1	447.0	139.6	0.0331	0.0462	0.0022	1.92	1.38	28.46	0.00	-0.42	-1.07	0.0
31001	-372.0	-103.5	-330.1	197.1	234.5	55.1	0.0331	0.0462	0.0022	2.23	1.59	32.98	0.00	-0.34	-0.69	0.0
31002	-240.3	-76.2	-220.0	219.5	113.9	-35.2	0.0331	0.0462	0.0022	2.44	1.75	36.16	0.00	-0.25	-0.53	0.0
31003	-457.9	-104.8	-390.2	188.8	312.2	95.3	0.0331	0.0462	0.0022	2.82	2.02	41.77	0.00	-0.39	-0.84	0.0
31004	-319.6	-78.7	-272.5	213.2	170.9	-16.4	0.0331	0.0462	0.0022	1.92	1.38	28.49	0.00	-0.26	-0.60	0.0
31005	-228.2	-69.7	-197.8	222.6	86.7	-62.5	0.0331	0.0462	0.0022	2.64	1.89	39.10	0.00	-0.24	-0.52	0.0
31006	-879.1	-764.2	-4296.6	-49.2	-598.0	-1492.1	0.0331	0.0462	0.0055				-0.18	-0.84	-4.93	
31007	-1183.2	-943.4	-5889.1	83.6	-1438.2	-631.5	0.0331	0.0462	0.0055				-0.57	-1.08	-6.36	
31008	-1062.8	-1019.7	-7303.7	128.8	-402.1	269.5	0.0331	0.0462	0.0055				-0.91	-1.13	-7.34	
31009	-1242.6	-1065.2	-8134.9	110.4	288.4	466.7	0.0331	0.0462	0.0055				-0.97	-1.30	-8.18	
31010	-1439.8	-1265.5	-9784.7	34.7	762.2	707.2	0.0331	0.0462	0.0055				-1.16	-1.42	-9.91	
31011	-3738.2	-1570.3	-6969.9	-702.9	3845.2	738.3	0.0331	0.0462	0.0055				-1.10	-1.53	-9.65	
31012	-2430.3	-1449.9	-4486.5	-591.9	735.5	1274.6	0.0331	0.0462	0.0057				-0.92	-2.21	-5.24	
31013	-2417.1	-1303.9	-4594.1	-484.8	1049.0	806.8	0.0331	0.0462	0.0057				-1.06	-2.02	-5.24	
31014	-1979.0	-1011.6	-4052.5	-234.1	923.5	540.4	0.0331	0.0462	0.0057				-0.91	-1.63	-4.50	
31015	-1470.9	-606.1	-2132.2	-73.2	1586.4	318.3	0.0331	0.0462	0.0057				-0.13	-0.62	-3.45	
31016	-1158.8	-735.4	-6701.3	56.2	-448.9	365.6	0.0331	0.0462	0.0055				-0.71	-1.12	-6.76	
31017	-1186.4	-870.6	-7303.0	105.5	-378.3	455.3	0.0331	0.0462	0.0055				-0.82	-1.18	-7.36	
31018	-1218.0	-1080.9	-8231.5	98.1	382.6	633.7	0.0331	0.0462	0.0055				-0.95	-1.27	-8.31	
31019	-2169.2	-1845.3	-7321.9	-674.5	1994.3	1777.3	0.0331	0.0462	0.0055				-1.29	-1.51	-8.54	
31020	-1932.1	-2480.8	-6369.8	-1172.0	1107.4	3623.5	0.0331	0.0462	0.0055				-0.18	-1.72	-8.89	
31021	-3019.3	-1871.0	-5080.9	-1298.8	2330.7	2077.0	0.0331	0.0462	0.0057				-0.83	-1.50	-7.64	
31022	-2176.2	-1043.3	-3895.0	-457.5	656.4	470.9	0.0331	0.0462	0.0057				-0.86	-2.02	-4.23	
31023	-1880.7	-997.0	-3874.6	-244.8	734.7	638.2	0.0331	0.0462	0.0057				-0.85	-1.64	-4.26	
31024	-1564.1	-741.9	-2802.3	-138.6	1214.2	827.9	0.0331	0.0462	0.0057				-0.34	-1.01	-3.75	
31025	-1045.4	-393.7	-1249.7	24.1	1081.2	638.4	0.0331	0.0462	0.0057	8.41	6.02	49.19	0.00	-0.90	-2.62	0.0
31026	-1285.3	-2210.1	-5232.1	-557.6	-244.8	1828.5	0.0331	0.0462	0.0057				-0.71	-1.93	-6.09	
31027	-1408.5	-2407.4	-5672.7	-701.8	199.2	2159.1	0.0331	0.0462	0.0057				-0.81	-1.89	-6.79	
31028	-1564.8	-2587.0	-6172.0	-976.2	536.0	2641.4	0.0331	0.0462	0.0057				-0.69	-1.92	-7.71	
31029	-2214.8	-1923.2	-4806.6	-1185.5	1884.7	1579.9	0.0331	0.0462	0.0057				-0.87	-1.46	-6.61	
31030	-1660.1	-1113.0	-3143.8	-505.6	670.1	277.0	0.0331	0.0462	0.0057				-0.81	-1.63	-3.49	
31031	-1564.4	-1136.6	-3442.7	-435.7	183.1	539.8	0.0331	0.0462	0.0057				-0.81	-1.73	-3.60	

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
31032	-1747.7	-996.1	-3608.4	-337.3	725.9	678.8	0.0331	0.0462	0.0057				-0.80	-1.51	-4.04	
31033	-1480.1	-695.7	-2629.2	-162.7	1052.9	788.6	0.0331	0.0462	0.0057				-0.36	-0.98	-3.47	
31034	-1068.9	-395.5	-1270.7	-37.1	1015.5	676.8	0.0331	0.0462	0.0057	6.56	4.69	38.34	0.00	-0.83	-2.56	0.0
31035	-674.2	-181.3	-633.4	120.7	461.1	213.6	0.0331	0.0462	0.0057	1.59	1.14	9.31	0.00	-0.47	-1.17	0.0
31036	-991.9	-1202.3	-3194.1	-364.4	-81.0	830.2	0.0331	0.0462	0.0057				-0.57	-1.32	-3.50	
31037	-1098.1	-1228.6	-3268.9	-379.9	77.0	915.2	0.0331	0.0462	0.0057				-0.64	-1.32	-3.64	
31038	-1227.4	-1216.6	-3261.8	-363.4	226.2	878.9	0.0331	0.0462	0.0057				-0.74	-1.33	-3.64	
31039	-1305.6	-1138.2	-3359.1	-365.8	221.6	765.7	0.0331	0.0462	0.0057				-0.75	-1.41	-3.64	
31040	-1439.6	-994.2	-3367.2	-321.8	395.1	608.2	0.0331	0.0462	0.0057				-0.77	-1.42	-3.61	
31041	-1374.1	-833.7	-3182.1	-170.2	423.5	452.5	0.0331	0.0462	0.0057				-0.74	-1.29	-3.37	
31042	-1269.3	-645.5	-2367.9	-132.9	861.6	667.8	0.0331	0.0462	0.0057				-0.38	-0.89	-3.02	
31043	-1001.4	-354.5	-1155.4	-48.5	901.3	576.5	0.0331	0.0462	0.0057	4.28	3.06	25.03	0.00	-0.69	-2.25	0.0
31044	-680.1	-150.4	-619.0	102.4	392.6	178.3	0.0331	0.0462	0.0057	0.16	0.12	0.95	0.00	-0.41	-1.05	0.0
31045	-486.3	-85.3	-394.7	175.2	274.5	75.4	0.0331	0.0462	0.0022	1.72	1.23	25.52	0.00	-0.35	-0.79	0.0
31046	-664.0	-584.2	-1466.0	-204.7	50.4	906.3	0.0331	0.0462	0.0057	0.45	0.32	2.65	0.00	-0.69	-2.06	0.0
31047	-734.9	-586.3	-1495.7	-172.1	92.8	921.3	0.0331	0.0462	0.0057				0.00	-0.73	-2.09	
31048	-805.2	-588.4	-1544.4	-137.6	122.2	933.1	0.0331	0.0462	0.0057				-0.01	-0.79	-2.14	
31049	-902.9	-583.9	-1617.1	-105.4	131.6	932.5	0.0331	0.0462	0.0057				-0.03	-0.88	-2.19	
31050	-1003.0	-610.9	-2266.7	-57.4	-123.3	648.7	0.0331	0.0462	0.0057				-0.37	-1.01	-2.50	
31051	-1069.9	-533.3	-2078.9	-34.7	661.8	519.6	0.0331	0.0462	0.0057				-0.33	-0.83	-2.52	
31052	-869.1	-287.0	-995.2	40.5	732.8	402.5	0.0331	0.0462	0.0057	2.47	1.77	14.46	0.00	-0.59	-1.80	0.0
31053	-625.3	-114.8	-542.2	118.5	294.7	76.0	0.0331	0.0462	0.0057				-0.04	-0.36	-0.88	
31054	-485.0	-63.3	-348.3	164.6	219.5	12.7	0.0331	0.0462	0.0022	0.52	0.37	7.71	0.00	-0.26	-0.69	0.0
31055	-365.7	-48.6	-229.2	199.3	112.6	-72.7	0.0331	0.0462	0.0022	1.47	1.05	21.78	0.00	-0.22	-0.57	0.0
31056	-377.9	-70.1	-254.6	-76.4	81.2	10.1	0.0331	0.0462	0.0022				-0.05	-0.22	-0.43	
31057	-419.1	-71.1	-269.8	-39.8	68.1	11.1	0.0331	0.0462	0.0022				-0.07	-0.24	-0.45	
31058	-461.7	-76.7	-297.6	36.8	51.0	21.6	0.0331	0.0462	0.0022				-0.07	-0.29	-0.48	
31059	-515.4	-96.6	-373.0	81.4	-40.3	28.9	0.0331	0.0462	0.0022				-0.08	-0.36	-0.54	
31060	-642.9	-231.3	-781.4	89.8	-181.3	312.5	0.0331	0.0462	0.0057				-0.09	-0.54	-1.03	
31061	-721.8	-213.7	-696.5	118.2	449.5	205.7	0.0331	0.0462	0.0057				0.00	-0.47	-1.16	
31062	-555.1	-79.1	-364.4	156.3	187.5	-91.9	0.0331	0.0462	0.0057				-0.03	-0.25	-0.72	
31063	-444.3	-55.7	-180.0	170.0	137.3	-99.9	0.0331	0.0462	0.0022	0.66	0.47	9.71	0.00	-0.15	-0.60	0.0
31064	-356.4	-49.9	-82.7	186.9	59.9	-136.3	0.0331	0.0462	0.0022	2.99	2.14	44.22	0.00	-0.21	-0.58	0.0
31065	-286.7	-59.3	-14.2	197.2	23.1	-136.5	0.0331	0.0462	0.0022	4.15	2.97	61.53	0.00	-0.21	-0.56	0.0
31066	-71.8	-108.4	76.0	159.6	-86.4	-105.2	0.0331	0.0462	0.0022	6.29	4.51	93.21	0.00	-0.27	-0.46	0.0
31067	-93.1	-105.1	82.7	167.9	-84.7	-109.1	0.0331	0.0462	0.0022	6.44	4.61	95.42	0.00	-0.27	-0.48	0.0
31068	-116.5	-101.1	88.4	176.2	-82.7	-114.0	0.0331	0.0462	0.0022	6.60	4.72	97.73	0.00	-0.28	-0.50	0.0
31069	-89.2	-89.1	-60.1	199.9	-57.6	-109.5	0.0331	0.0462	0.0022	5.19	3.72	76.88	0.00	-0.29	-0.47	0.0
31070	-111.7	-86.1	-52.8	202.5	-56.0	-113.4	0.0331	0.0462	0.0022	5.15	3.69	76.31	0.00	-0.28	-0.48	0.0
31071	-134.8	-83.7	-43.0	203.8	-54.3	-117.7	0.0331	0.0462	0.0022	5.13	3.67	75.93	0.00	-0.28	-0.49	0.0
31072	-143.9	-78.0	-149.6	221.6	36.3	-77.0	0.0331	0.0462	0.0022	3.56	2.55	52.70	0.00	-0.24	-0.48	0.0
31073	-156.5	-75.0	-141.6	220.5	30.5	-86.0	0.0331	0.0462	0.0022	3.55	2.54	52.54	0.00	-0.24	-0.49	0.0
31074	-171.7	-73.9	-129.4	219.2	26.6	-96.2	0.0331	0.0462	0.0022	3.52	2.52	52.14	0.00	-0.23	-0.49	0.0
31075	-232.1	-73.4	28.8	200.6	-49.9	-134.3	0.0331	0.0462	0.0022	5.65	4.05	83.73	0.00	-0.28	-0.56	0.0
31076	-279.5	-55.3	-152.5	215.0	63.2	-99.7	0.0331	0.0462	0.0022	2.65	1.90	39.27	0.00	-0.21	-0.54	0.0
31077	-350.9	-65.0	-274.4	210.9	151.0	-33.3	0.0331	0.0462	0.0022	1.60	1.14	23.65	0.00	-0.25	-0.60	0.0
31078	-185.5	-87.1	57.9	197.7	-66.6	-127.1	0.0331	0.0462	0.0022	6.18	4.42	91.54	0.00	-0.28	-0.55	0.0
31079	-216.8	-68.1	-101.5	216.8	24.4	-115.1	0.0331	0.0462	0.0022	3.56	2.55	52.68	0.00	-0.22	-0.52	0.0
31080	-266.7	-66.8	-203.1	221.6	96.2	-70.0	0.0331	0.0462	0.0022	2.31	1.65	34.24	0.00	-0.23	-0.54	0.0
31081	-146.9	-97.3	80.8	187.8	-77.7	-118.4	0.0331	0.0462	0.0022	6.49	4.65	96.20	0.00	-0.28	-0.53	0.0
31082	-168.4	-79.7	-57.3	210.6	-40.7	-119.6	0.0331	0.0462	0.0022	4.77	3.41	70.59	0.00	-0.27	-0.50	0.0
31083	-203.8	-72.4	-147.5	219.7	45.7	-94.6	0.0331	0.0462	0.0022	3.06	2.19	45.40	0.00	-0.22	-0.50	0.0
31092	-409.0	-44.0	-585.7	-145.8	524.1	159.8	0.0291	0.0406	0.0127	1.24	0.89	2.83	0.00	-0.04	-1.11	0.0
31143	20.2	-203.1	-776.5	17.8	116.0	505.3	0.0388	0.0358	0.0127	3.60	3.90	10.98	0.00	-0.16	-1.22	0.0
31144	31.5	-211.1	-810.9	-31.4	134.0	518.1	0.0386	0.0358	0.0127	2.89	3.11	8.78	0.00	-0.09	-1.24	0.0
31145	37.8	-210.9	-865.7	-53.3	157.2	526.9	0.0383	0.0360	0.0127	2.67	2.85	8.06	0.00	-0.06	-1.28	0.0
31146	47.5	-199.6	-960.0	-78.0	193.6	538.2	0.0379	0.0362	0.0127	2.62	2.74	7.81	0.00	-0.04	-1.37	0.0
31147	131.3	-113.2	-966.0	-106.1	342.0	487.4	0.0373	0.0365	0.0127	6.32	6.46	18.55	0.00	-0.14	-1.51	0.0
31148	105.4	-57.3	-919.4	-183.2	419.8	403.4	0.0366	0.0369	0.0161	7.19	7.14	16.31	0.00	-0.16	-1.50	0.0
31149	-24.0	-55.3	-772.6	-183.5	545.2	294.2	0.0358	0.0373	0.0127	7.43	7.13	20.92	0.00	-0.22	-1.43	0.0
31150	-71.1	-11.9	-566.6	-156.1	523.3	172.9	0.0348	0.0377	0.0127	7.66	7.07	20.99	0.00	-0.23	-1.22	0.0
31151	-89.9	18.6	-394.2	-130.2	477.3	89.9	0.0338	0.0383	0.0127	8.01	7.08	21.30	0.00	-0.24	-1.04	0.0
31152	-88.1	44.2	-256.5	-103.3	417.7	-27.8	0.0327	0.0388	0.0127	8.94	7.54	23.01	0.00	-0.28	-0.89	0.0
31153	-56.8	69.7	49.6	-25.7	170.9	-159.4	0.0125	0.0422	0.0127	22.40	6.62	21.99	0.00	-0.29	-0.49	0.0
31154	-53.6	70.2	42.8	-30.7	194.6	-157.7	0.0136	0.0416	0.0127	21.47	7.01	22.99	0.00	-0.30	-0.52	0.0
31155	-50.9	71.8	31.8	-35.6	222.7	-155.4	0.0148	0.0411	0.0127	20.80	7.47	24.14	0.00	-0.31	-0.56	0.0
31161	-298.6	-1.5	-412.0	-101.8	413.0	80.5	0.0152	0.0409	0.0127	4.75	1.76	5.67	0.00	-0.06	-0.86	0.0
31162	-81.2	60.0	-151.1	-80.0	361.5	-79.3	0.0316	0.0394	0.0127	9.49	7.62	23.60	0.00	-0.29	-0.78	0.0
31165	-71.2	68.1	-71.4	-59.9	310.0	-116.9	0.0305	0.0399	0.0127	10.02	7.65	24.02	0.00	-0.30	-0.69	0.0
31168	-57.8	71.9	-4.8	-44.5	261.8	-143.0	0.0159	0.0405	0.0127	19.57	7.68	24.49	0.00	-0.31	-0.62	0.0
31170	-309.5	-7.3	-456.4	-117.2	446.0	102.3	0.0293	0.0405	0.0127	2.66	1.93	6.14	0.00	-0.07	-0.94	0.0
31179	-218.0	27.9	-983.1	-204.8	762.8	309.6	0.0287	0.0229	0.0127	8.84	11.06	19.96	0.00	-0.14	-1.80	0.0
31230	203.5	-137.4	-1322.9	17.5	99.5	574.6	0.0388	0.0179	0.0127	5.91	12.81	18.03	0.00	-0.16	-1.79	0.0
31231	228.2	-142.2	-1366.7	-37.5	146.2	585.6	0.0386	0.0180	0.0127	6.29	13.53	19.12	0.00	-0.15	-1.86	0.0
31232	252.3	-138.7	-1410.6	-73.4	210.1	584.9	0.0383	0.0181	0.0127	7.27	15.37	21.91	0.00	-0.19	-1.94	0.0
31233	274.1	-120.4	-1427.2	-117.4	301.0	562.0	0.0379	0.0184	0.0127	8.65	17.83	25.76	0.00	-0.24	-2.02	0.0
31234	251.3	-106.6	-1414.6	-164.8	387.4	515.7	0.0372	0.0187	0.0127	9.27	18.50	27.17	0.00	-0.28	-2.03	0.0
31235	224.9	-75.3	-1355.7	-185.4	476.3	452.9	0.0365	0.0190	0.0127	10.08	19.32	28.93	0.00	-0.30	-2.01	0.0
31236	193.9	-27.0	-1262.0	-208.2	538.0	380.3	0.0356	0.0195	0.0127	10.96	20.07	30.74	0.00	-0.32	-1.95	0.0
31237	133.4	7.8	-1140.8	-216.1	586.3	299.6	0.0347	0.0200	0.0127	11.24	19.53	30.67	0.00	-0.32	-1.85	0.0
31238	83.2	44.3	-999.5	-208.5	596.0	217.5	0.0336	0.0205	0.0127	11.40	18.72	30.16	0.00	-0.32	-1.71	0.0
31239	44.8	74.9	-860.8	-193.2	579.5	142.5	0.0325	0.0210	0.0127	11.50	17.75	29.38	0.00	-0.31	-1.55	0.0
31240	-42.4	142.8	-362.3	-98.8	380.1	-147.0	0.0121	0.0245	0.0127	28.53	14.08	27.18	0.00	-0.33	-0.97	0.0
31241	-31.0	139.4	-407.0	-109.0	403.5	-137.3	0.0133	0.0240	0.0127	26.81	14.83	27.96	0.00	-0.34	-1.02	0.0
31242	-18.3	136.1	-459.5	-120.2	430.4	-125.9	0.0144	0.0234	0.0127	25.51	15.73	28.94	0.00	-0.35	-1.09	0.0
31248	-167.6	61.0	-801.0	-178.3	666.2	215.3	0.0148	0.0232	0.0127	17.69	11.30	20.61	0.00	-0.15	-1.54	0.0
31249	18.9	99.0	-736.8	-174.0	548.2	81.3	0.0313	0.0216	0.0127	11.55	16.74	28.47	0.00	-0.30	-1.41	0.0
31252	1.4	116.5	-628.9	-154.5	511.1	-55.4	0.0302	0.0222	0.0127	12.75	17.33	30.27	0.00	-0.37	-1.30	0.0
31255	-8.4	129.9	-532.5	-135.6	468.1	-100.6	0.0156	0.0228	0.0127	24.32	16.64	29.84	0.00	-0.36	-1.19	0.0
31257	-155.0	51.5	-855.7	-189.5	685.6	242.9	0.0156	0.0228	0.0127	17.45	11.95	21.42	0.00	-0.16	-1.61	0.0
31266	-92.0	33.3	-1291.5	-208.7	793.4	351.2	0.0150	0.0231	0.0127	20.58	13.32	24.21	0.00	-0.19	-2.09	0.0
31317	246.7	-144.3	-1635.6	11.0	85.3	578.6	0.0388	0.0179	0.0127	6.62	14.36	20.20	0.00	-0.21	-2.09	0.0
31318	263.2	-146.4	-1677.1	-41.2	146.0	586.3	0.0386	0.0180	0.0127	7.10	15.26	21.57	0.00	-0.22	-2.16	0.0
31319	274.4	-141.5	-1706.5	-75.8	218.0	582.5	0.0383	0.0181	0.0127	7.80	16.47	23.50	0.00	-0.25	-2.22	0.0
31320	272.1	-130.0	-1718.9	-112.1	294.9	564.8	0.0378	0.0184	0.0127	8.41	17.30	25.02	0.00	-0.27	-2.26	0.0
31321	262.3	-107.0	-1707.8	-144.9	374.7	533.8	0.0372	0.0187	0.0127	9.10	18.09	26.61	0.00	-0.29	-2.28	0.0
31322	235.8	-78.7	-1673.0	-176.5	448.4	488.3	0.0364	0.0191	0.0127	9.62	18.35	27.55	0.00	-0.30	-2.27	0.0
31323	197.4	-47.7	-1614.6	-196.5	510.4	430.8	0.0355	0.0195	0.0127	9.95	18.09	27.80	0.00	-0.30	-2.22	0.0
31324	158.2	-11.4	-1537.3	-207.0	554.6	367.3	0.0345	0.0200	0.0127	10.27	17.69	27.88	0.00	-0.30	-2.15	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
31325	115.1	22.4	-1447.3	-208.5	582.3	301.4	0.0334	0.0206	0.0127	10.42	16.94	27.42	0.00	-0.29	-2.06	0.0
31326	75.6	53.8	-1349.5	-201.5	590.7	236.2	0.0323	0.0211	0.0127	10.49	16.00	26.63	0.00	-0.28	-1.95	0.0
31327	-47.1	142.1	-865.5	-120.8	486.2	-100.7	0.0118	0.0247	0.0127	26.73	12.72	24.73	0.00	-0.31	-1.41	0.0
31328	-33.8	136.4	-927.8	-131.7	502.6	-81.8	0.0129	0.0241	0.0127	24.80	13.28	25.21	0.00	-0.31	-1.47	0.0
31329	-18.4	129.7	-995.6	-143.5	520.3	62.5	0.0141	0.0235	0.0127	20.20	12.10	22.41	0.00	-0.22	-1.52	0.0
31335	-81.4	59.3	-1165.4	-193.3	720.7	266.6	0.0145	0.0233	0.0127	20.36	12.62	23.19	0.00	-0.19	-1.88	0.0
31336	43.2	80.1	-1252.8	-189.6	584.4	179.2	0.0311	0.0217	0.0127	10.51	15.02	25.70	0.00	-0.27	-1.84	0.0
31339	17.5	101.7	-1160.6	-175.1	568.8	130.1	0.0165	0.0223	0.0127	19.06	14.08	24.74	0.00	-0.26	-1.73	0.0
31342	-1.7	119.6	-1072.9	-158.8	544.1	88.4	0.0153	0.0229	0.0127	19.68	13.13	23.69	0.00	-0.24	-1.62	0.0
31344	-63.4	47.9	-1216.4	-201.0	726.4	291.8	0.0153	0.0229	0.0127	19.83	13.20	23.83	0.00	-0.20	-1.94	0.0
31353	-32.3	15.1	-1522.3	-188.1	740.4	357.2	0.0146	0.0233	0.0127	19.18	12.06	22.08	0.00	-0.19	-2.19	0.0
31404	234.7	-131.8	-1776.1	-11.2	71.6	569.0	0.0388	0.0179	0.0127	6.12	13.29	18.70	0.00	-0.19	-2.19	0.0
31405	241.3	-132.8	-1816.2	-37.6	132.7	575.3	0.0386	0.0180	0.0127	6.47	13.90	19.66	0.00	-0.20	-2.25	0.0
31406	242.0	-128.6	-1845.8	-65.9	199.0	572.5	0.0383	0.0181	0.0127	6.83	14.41	20.57	0.00	-0.22	-2.30	0.0
31407	236.1	-118.4	-1861.8	-94.5	268.6	559.8	0.0378	0.0184	0.0127	7.21	14.80	21.42	0.00	-0.23	-2.33	0.0
31408	220.8	-103.2	-1862.2	-122.0	337.6	536.4	0.0371	0.0187	0.0127	7.53	14.94	22.00	0.00	-0.23	-2.35	0.0
31409	198.4	-82.5	-1846.2	-144.9	402.2	503.3	0.0363	0.0191	0.0127	7.83	14.87	22.37	0.00	-0.24	-2.34	0.0
31410	169.6	-57.7	-1814.4	-163.0	458.8	462.1	0.0354	0.0196	0.0127	8.07	14.59	22.49	0.00	-0.24	-2.32	0.0
31411	135.8	-31.4	-1769.1	-174.5	504.7	414.7	0.0344	0.0201	0.0127	8.23	14.07	22.25	0.00	-0.23	-2.28	0.0
31412	101.2	-3.8	-1712.9	-179.3	537.7	364.0	0.0332	0.0207	0.0127	8.33	13.41	21.80	0.00	-0.23	-2.22	0.0
31413	67.4	22.9	-1649.7	-177.8	557.7	312.3	0.0321	0.0213	0.0127	8.37	12.63	21.12	0.00	-0.22	-2.15	0.0
31414	-55.2	109.1	-1263.0	-117.3	530.7	115.2	0.0114	0.0249	0.0127	17.81	8.19	16.02	0.00	-0.14	-1.68	0.0
31415	-42.3	103.0	-1322.6	-127.0	539.6	132.9	0.0126	0.0243	0.0127	16.89	8.77	16.75	0.00	-0.15	-1.75	0.0
31416	-26.9	95.4	-1384.9	-137.3	547.6	153.3	0.0138	0.0237	0.0127	16.19	9.43	17.58	0.00	-0.16	-1.82	0.0
31422	-41.2	36.5	-1447.6	-177.7	690.5	293.1	0.0141	0.0235	0.0127	18.28	11.00	20.35	0.00	-0.18	-2.05	0.0
31423	37.8	46.6	-1583.4	-171.5	566.2	264.7	0.0174	0.0219	0.0127	14.82	11.83	20.35	0.00	-0.20	-2.07	0.0
31426	12.2	67.1	-1516.4	-162.1	566.2	221.2	0.0162	0.0225	0.0127	15.28	11.04	19.52	0.00	-0.19	-1.99	0.0
31429	-8.8	84.6	-1449.5	-149.9	557.6	182.2	0.0150	0.0231	0.0127	15.75	10.25	18.60	0.00	-0.18	-1.90	0.0
31431	-23.4	25.9	-1489.5	-182.6	687.9	315.3	0.0150	0.0231	0.0127	17.73	11.49	20.88	0.00	-0.19	-2.10	0.0
31440	-8.8	-6.5	-1674.0	-159.0	666.2	359.4	0.0143	0.0234	0.0127	16.12	9.85	18.16	0.00	-0.17	-2.22	0.0
31491	206.1	-121.4	-1813.0	-9.3	57.0	550.2	0.0388	0.0179	0.0127	5.36	11.62	16.36	0.00	-0.17	-2.19	0.0
31492	206.6	-122.3	-1853.0	-31.0	113.3	556.4	0.0386	0.0180	0.0127	5.51	11.84	16.75	0.00	-0.17	-2.24	0.0
31493	202.4	-119.1	-1883.8	-53.8	173.3	555.4	0.0383	0.0182	0.0127	5.67	11.96	17.08	0.00	-0.18	-2.28	0.0
31494	192.7	-111.8	-1904.3	-76.3	234.7	546.8	0.0377	0.0184	0.0127	5.83	11.95	17.31	0.00	-0.18	-2.30	0.0
31495	177.8	-100.4	-1913.6	-97.3	295.3	530.6	0.0371	0.0188	0.0127	5.98	11.82	17.44	0.00	-0.18	-2.32	0.0
31496	157.8	-85.6	-1911.4	-115.7	352.6	507.5	0.0362	0.0192	0.0127	6.11	11.56	17.43	0.00	-0.18	-2.33	0.0
31497	133.7	-67.9	-1898.2	-130.4	404.4	478.2	0.0353	0.0196	0.0127	6.22	11.17	17.27	0.00	-0.18	-2.32	0.0
31498	106.9	-48.0	-1875.2	-140.9	448.8	444.2	0.0342	0.0202	0.0127	6.30	10.68	16.96	0.00	-0.17	-2.29	0.0
31499	78.4	-27.1	-1843.7	-146.8	484.8	406.9	0.0331	0.0207	0.0127	6.33	10.09	16.48	0.00	-0.16	-2.26	0.0
31500	50.0	-5.8	-1805.7	-148.0	511.4	367.6	0.0319	0.0214	0.0127	6.32	9.43	15.85	0.00	-0.15	-2.22	0.0
31501	-62.6	67.6	-1525.6	-104.6	542.4	188.0	0.0111	0.0250	0.0127	13.16	5.85	11.52	0.00	-0.08	-1.88	0.0
31502	-50.6	62.4	-1573.9	-112.7	544.4	208.5	0.0123	0.0244	0.0127	12.53	6.31	12.13	0.00	-0.09	-1.93	0.0
31503	-36.3	55.4	-1623.3	-121.0	544.0	231.4	0.0135	0.0238	0.0127	12.03	6.82	12.79	0.00	-0.10	-1.99	0.0
31509	-25.7	10.5	-1633.2	-151.6	635.9	315.6	0.0138	0.0237	0.0127	14.94	8.74	16.27	0.00	-0.14	-2.12	0.0
31510	24.3	13.6	-1763.3	-145.2	529.2	330.1	0.0172	0.0220	0.0127	11.19	8.77	15.16	0.00	-0.14	-2.17	0.0
31513	1.1	30.7	-1718.4	-139.4	539.7	293.8	0.0160	0.0226	0.0127	11.48	8.12	14.44	0.00	-0.13	-2.11	0.0
31516	-18.9	45.7	-1671.6	-130.7	543.1	259.9	0.0147	0.0232	0.0127	11.75	7.47	13.63	0.00	-0.11	-2.05	0.0
31518	-9.7	1.7	-1664.9	-154.5	628.2	335.1	0.0147	0.0232	0.0127	14.48	9.14	16.72	0.00	-0.15	-2.16	0.0
31527	-4.9	-26.7	-1759.7	-131.5	598.4	366.7	0.0140	0.0146	0.0127	12.98	12.43	14.32	0.00	-0.13	-2.20	0.0
31578	178.4	-115.1	-1792.6	7.4	42.1	535.1	0.0388	0.0089	0.0127	4.68	20.30	14.29	0.00	-0.14	-2.13	0.0
31579	175.3	-116.1	-1831.4	-24.0	93.2	541.6	0.0386	0.0090	0.0127	4.65	19.87	14.14	0.00	-0.14	-2.17	0.0
31580	168.4	-113.9	-1863.1	-42.3	147.3	542.5	0.0382	0.0092	0.0127	4.68	19.41	14.09	0.00	-0.14	-2.21	0.0
31581	157.5	-108.6	-1886.9	-60.4	202.4	537.6	0.0377	0.0095	0.0127	4.71	18.72	13.99	0.00	-0.14	-2.23	0.0
31582	142.8	-100.4	-1902.6	-77.3	256.8	527.1	0.0370	0.0098	0.0127	4.75	17.84	13.82	0.00	-0.13	-2.25	0.0
31583	124.9	-89.5	-1910.0	-92.2	308.8	511.3	0.0362	0.0103	0.0127	4.77	16.81	13.58	0.00	-0.13	-2.26	0.0
31584	104.2	-76.3	-1909.5	-104.5	357.0	490.7	0.0352	0.0108	0.0127	4.79	15.68	13.27	0.00	-0.12	-2.26	0.0
31585	81.4	-61.4	-1901.6	-113.7	400.0	466.1	0.0341	0.0113	0.0127	4.79	14.46	12.86	0.00	-0.12	-2.26	0.0
31586	57.5	-45.5	-1887.1	-119.4	437.0	438.4	0.0329	0.0119	0.0127	4.77	13.21	12.35	0.00	-0.11	-2.24	0.0
31587	33.4	-29.3	-1867.0	-121.5	467.3	408.4	0.0317	0.0125	0.0127	4.71	11.93	11.75	0.00	-0.10	-2.21	0.0
31588	-68.1	28.6	-1678.5	-90.7	539.3	248.0	0.0108	0.0162	0.0127	9.37	6.26	7.99	0.00	-0.04	-1.98	0.0
31589	-56.9	24.6	-1713.8	-97.2	535.5	269.7	0.0120	0.0156	0.0127	8.98	6.90	8.49	0.00	-0.05	-2.02	0.0
31590	-43.7	18.9	-1749.6	-103.8	528.7	293.3	0.0132	0.0150	0.0127	8.67	7.64	9.03	0.00	-0.05	-2.06	0.0
31596	-23.1	-13.6	-1739.3	-125.7	582.5	338.4	0.0135	0.0149	0.0127	11.80	10.75	12.57	0.00	-0.11	-2.14	0.0
31597	11.1	-14.2	-1842.1	-120.5	490.7	378.9	0.0170	0.0131	0.0127	8.30	10.74	11.11	0.00	-0.09	-2.18	0.0
31600	-9.3	-0.8	-1814.0	-117.0	508.1	349.1	0.0158	0.0138	0.0127	8.42	9.64	10.44	0.00	-0.08	-2.15	0.0
31603	-27.6	10.9	-1783.2	-111.0	519.8	320.1	0.0145	0.0144	0.0127	8.53	8.58	9.73	0.00	-0.06	-2.11	0.0
31605	-9.3	-20.3	-1761.6	-127.7	571.9	355.6	0.0144	0.0145	0.0127	11.44	11.39	12.95	0.00	-0.12	-2.17	0.0
31614	-10.5	-44.9	-1799.9	-109.1	547.2	380.5	0.0137	0.0148	0.0127	10.46	9.72	11.30	0.00	-0.11	-2.18	0.0
31665	153.9	-112.3	-1750.6	8.6	-35.6	529.4	0.0388	0.0089	0.0127	3.98	17.28	12.16	0.00	-0.11	-2.06	0.0
31666	148.4	-113.4	-1787.8	-17.6	74.5	536.3	0.0386	0.0090	0.0127	3.92	16.74	11.91	0.00	-0.11	-2.10	0.0
31667	140.1	-111.9	-1819.5	-32.6	124.3	538.7	0.0382	0.0092	0.0127	3.87	16.02	11.64	0.00	-0.10	-2.13	0.0
31668	128.8	-108.0	-1845.3	-47.6	175.1	536.6	0.0377	0.0095	0.0127	3.83	15.16	11.35	0.00	-0.10	-2.16	0.0
31669	114.9	-101.8	-1865.0	-61.6	225.4	529.8	0.0369	0.0099	0.0127	3.80	14.21	11.04	0.00	-0.10	-2.18	0.0
31670	98.6	-93.4	-1878.6	-74.1	273.9	518.7	0.0361	0.0103	0.0127	3.77	13.19	10.70	0.00	-0.09	-2.19	0.0
31671	80.3	-83.3	-1886.2	-84.4	319.5	503.6	0.0351	0.0108	0.0127	3.74	12.13	10.32	0.00	-0.08	-2.20	0.0
31672	60.6	-71.8	-1888.1	-92.3	361.3	484.9	0.0340	0.0114	0.0127	3.70	11.07	9.90	0.00	-0.08	-2.20	0.0
31673	40.2	-59.6	-1884.5	-97.4	398.5	463.3	0.0328	0.0120	0.0127	3.66	10.01	9.42	0.00	-0.07	-2.19	0.0
31674	19.6	-47.2	-1875.8	-99.7	430.5	439.3	0.0181	0.0126	0.0127	6.25	8.98	8.90	0.00	-0.06	-2.18	0.0
31675	-70.6	-3.5	-1754.6	-77.6	528.9	293.3	0.0106	0.0164	0.0127	7.85	5.06	6.52	0.00	-0.04	-2.04	0.0
31676	-60.0	-6.2	-1778.5	-82.9	520.4	315.6	0.0118	0.0158	0.0127	7.31	5.45	6.76	0.00	-0.04	-2.06	0.0
31677	-48.0	-10.4	-1803.2	-88.0	509.0	339.0	0.0130	0.0152	0.0127	6.86	5.88	7.01	0.00	-0.04	-2.09	0.0
31683	-26.7	-34.6	-1791.4	-104.0	540.8	362.4	0.0133	0.0150	0.0127	9.49	8.39	9.90	0.00	-0.09	-2.14	0.0
31684	0.4	-35.7	-1862.5	-99.6	456.9	415.1	0.0168	0.0132	0.0127	6.34	8.05	8.39	0.00	-0.05	-2.17	0.0
31687	-17.4	-25.5	-1845.7	-97.4	478.2	389.7	0.0155	0.0139	0.0127	6.45	7.22	7.88	0.00	-0.05	-2.14	0.0
31690	-33.5	-16.6	-1825.9	-93.2	494.9	364.3	0.0142	0.0145	0.0127	6.60	6.48	7.40	0.00	-0.04	-2.12	0.0
31692	-14.9	-39.7	-1806.2	-105.4	528.3	378.1	0.0141	0.0146	0.0127	9.16	8.87	10.17	0.00	-0.09	-2.16	0.0
31693	-566.3	-442.4	-1371.2	46.5	-936.2	636.2	0.0331	0.0462	0.0057	7.00	5.01	40.91	0.00	-0.67	-2.40	0.0
31694	-190.0	-223.9	-491.4	-85.8	-348.7	137.1	0.0331	0.0462	0.0022	3.20	2.29	47.38	0.00	-0.39	-0.84	0.0
31695	-30.7	-134.6	-226.7	-110.0	-101.0	28.7	0.0331	0.0462	0.0022	2.21	1.58	32.75	0.00	-0.27	-0.35	0.0
31696	-316.0	-284.6	-684.8	-48.0	-429.4	251.3	0.0331	0.0462	0.0022	2.02	1.44	29.86	0.00	-0.40	-1.08	0.0
31697	-143.2	-177.0	-380.1	-106.6	-240.5	117.8	0.0331	0.0462	0.0022	2.83	2.03	41.91	0.00	-0.35	-0.63	0.0
31698	-35.6	-127.8	-209.0	-121.5	-81.1	20.0	0.0331	0.0462	0.0022	2.13	1.52	31.48	0.00	-0.26	-0.32	0.0
31699	-211.4	-210.9	-475.0	-109.6	-291.2	92.5	0.0331	0.0462	0.0022	1.61	1.15	23.82	0.00	-0.34	-0.72	0.0
31700	-109.2	-148.4	-293.7	-121.3	-140.8	58.0	0.0331	0.0462	0.0022	1.67	1.20	24.81	0.00	-0.29	-0.43	0.0
31701	-43.3	-117.8	-189.9	-129.3	-52.5	-12.1	0.0331	0.0462	0.0022	1.78	1.28	26.41	0.00	-0.22	-0.31	0.0
31702	-763.8	-701.9	-3967.4	-114.3	-215.6	-1446.0	0.0331	0.0462	0.0055				-0.15	-0.75	-4.53	
31703	-807.6	-742.8	-4648.1	-134.5	775.2	-604.7	0.0331	0.0462	0.0055				-0.42	-0.91	-4.88	
31704	-699.0	-716.8	-4974.8	-117.4	-488.9	220.5	0.0331	0.0462	0.0055				-0.53	-0.82	-5.04	
31705	-696.7	-633.8	-4505.5	-61.6	-603.2	329.2	0.0331	0.0462	0.0055				-0.50	-0.72	-4.62	

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
31706	-691.1	-598.1	-4261.4	19.2	-676.7	409.4	0.0331	0.0462	0.0055				-0.51	-0.62	-4.43	
31707	-883.7	-600.6	-2870.3	307.6	-1237.3	265.6	0.0331	0.0462	0.0057				-0.21	-0.63	-3.51	
31708	-618.7	-607.7	-2380.8	155.2	353.0	-189.6	0.0331	0.0462	0.0057				-0.45	-0.68	-2.47	
31709	-867.3	-797.8	-3490.8	103.5	488.1	-239.1	0.0331	0.0462	0.0057				-0.72	-0.84	-3.60	
31710	-1019.7	-896.8	-3967.2	69.6	-135.9	161.8	0.0331	0.0462	0.0057				-0.86	-1.04	-3.98	
31711	-929.8	-761.2	-3017.7	52.7	-868.6	599.9	0.0331	0.0462	0.0057				-0.47	-0.78	-3.46	
31712	-1072.8	-675.1	-6141.8	-87.4	-461.7	336.2	0.0331	0.0462	0.0055				-0.62	-1.06	-6.20	
31713	-931.6	-680.9	-5573.3	-123.8	-485.6	359.0	0.0331	0.0462	0.0055				-0.57	-0.96	-5.65	
31714	-793.6	-710.6	-5105.5	-94.3	-581.9	423.9	0.0331	0.0462	0.0055				-0.54	-0.85	-5.22	
31715	-761.3	-905.7	-3895.4	242.9	-1150.8	792.7	0.0331	0.0462	0.0055				-0.38	-0.71	-4.47	
31716	-656.6	-1032.5	-2899.4	302.1	-524.2	1234.7	0.0331	0.0462	0.0057				-0.41	-0.54	-3.64	
31717	-769.7	-830.1	-2763.0	298.3	-312.5	319.2	0.0331	0.0462	0.0057				-0.50	-0.99	-2.88	
31718	-790.5	-750.0	-3287.6	59.5	438.2	-242.3	0.0331	0.0462	0.0057				-0.70	-0.74	-3.39	
31719	-942.7	-860.7	-3703.1	49.5	-52.3	155.0	0.0331	0.0462	0.0057				-0.83	-0.96	-3.71	
31720	-950.5	-844.0	-3622.3	47.1	-332.7	283.5	0.0331	0.0462	0.0057				-0.81	-0.91	-3.69	
31721	-771.6	-556.3	-1912.5	20.5	-1213.8	197.9	0.0331	0.0462	0.0057	0.40	0.29	2.34	0.00	-0.57	-2.71	0.0
31722	-1176.3	-2022.2	-4879.8	-462.7	-310.1	1571.4	0.0331	0.0462	0.0057				-0.70	-1.80	-5.58	
31723	-1059.6	-1847.5	-4587.5	-375.2	-357.2	1360.0	0.0331	0.0462	0.0057				-0.67	-1.67	-5.16	
31724	-935.4	-1680.8	-4323.7	-244.2	-449.3	1185.3	0.0331	0.0462	0.0057				-0.65	-1.49	-4.81	
31725	-811.9	-1176.1	-3354.4	292.4	-865.7	345.9	0.0331	0.0462	0.0057				-0.49	-1.16	-3.69	
31726	-602.9	-742.5	-2578.5	-112.0	-115.8	-466.2	0.0331	0.0462	0.0057				-0.53	-0.70	-2.70	
31727	-706.0	-818.3	-3095.7	-49.7	421.2	-155.7	0.0331	0.0462	0.0057				-0.61	-0.84	-3.18	
31728	-905.8	-856.7	-3455.5	39.9	-90.8	189.5	0.0331	0.0462	0.0057				-0.83	-0.92	-3.47	
31729	-909.5	-804.7	-3404.0	-37.3	-227.2	259.5	0.0331	0.0462	0.0057				-0.75	-0.92	-3.45	
31730	-823.4	-653.4	-2476.9	24.6	-827.8	601.0	0.0331	0.0462	0.0057				-0.29	-0.70	-2.96	
31731	-519.7	-392.5	-1083.9	-44.2	-826.5	514.2	0.0331	0.0462	0.0022	8.03	5.75	118.88	0.00	-0.74	-2.06	0.0
31732	-907.8	-1155.6	-3134.7	-339.2	-103.3	755.5	0.0331	0.0462	0.0057				-0.55	-1.26	-3.39	
31733	-838.3	-1099.9	-3097.0	-300.9	-117.3	690.3	0.0331	0.0462	0.0057				-0.54	-1.18	-3.31	
31734	-780.9	-1024.1	-3049.2	-231.6	-141.0	569.1	0.0331	0.0462	0.0057				-0.56	-1.09	-3.20	
31735	-788.0	-936.6	-3117.0	-172.5	-46.8	408.1	0.0331	0.0462	0.0057				-0.64	-1.01	-3.19	
31736	-816.2	-867.5	-3203.0	-136.2	-31.2	251.1	0.0331	0.0462	0.0057				-0.69	-0.97	-3.23	
31737	-819.6	-812.7	-3172.8	-119.8	-51.5	175.8	0.0331	0.0462	0.0057				-0.69	-0.93	-3.19	
31738	-854.4	-760.9	-3136.1	-96.5	-175.4	229.5	0.0331	0.0462	0.0057				-0.67	-0.91	-3.17	
31739	-803.0	-621.6	-2315.0	-43.2	-722.1	557.4	0.0331	0.0462	0.0057				-0.27	-0.75	-2.73	
31740	-553.2	-377.9	-1072.9	-51.6	-749.3	507.6	0.0331	0.0462	0.0022	6.21	4.44	91.94	0.00	-0.69	-1.93	0.0
31741	-282.4	-204.1	-535.9	-119.1	-258.8	142.5	0.0331	0.0462	0.0022	0.62	0.45	9.21	0.00	-0.36	-0.73	0.0
31742	-599.3	-582.7	-1444.0	-218.9	-36.2	888.3	0.0331	0.0462	0.0057	1.20	0.86	7.04	0.00	-0.70	-2.05	0.0
31743	-547.0	-580.3	-1434.9	-217.1	-59.3	873.2	0.0331	0.0462	0.0057	1.32	0.94	7.69	0.00	-0.67	-2.03	0.0
31744	-522.0	-578.5	-1454.8	-206.6	-57.9	862.3	0.0331	0.0462	0.0057	0.85	0.61	4.98	0.00	-0.63	-2.01	0.0
31745	-550.4	-578.7	-1534.6	-188.0	34.0	857.5	0.0331	0.0462	0.0057				-0.03	-0.58	-2.05	
31746	-656.4	-630.8	-2264.7	-178.8	346.8	602.5	0.0331	0.0462	0.0057				-0.41	-0.60	-2.54	
31747	-793.3	-660.4	-2820.0	-163.8	-64.5	262.9	0.0331	0.0462	0.0057				-0.52	-0.90	-2.85	
31748	-760.9	-554.8	-2084.9	-105.7	-594.3	465.6	0.0331	0.0462	0.0057				-0.24	-0.76	-2.40	
31749	-562.4	-325.1	-965.6	-91.1	-641.8	400.5	0.0331	0.0462	0.0022	4.20	3.01	62.27	0.00	-0.63	-1.64	0.0
31750	-325.3	-167.4	-503.9	-136.0	-191.1	96.9	0.0331	0.0462	0.0022				-0.02	-0.35	-0.63	
31751	-206.7	-124.1	-294.3	-146.2	-116.1	50.0	0.0331	0.0462	0.0022	0.78	0.56	11.50	0.00	-0.29	-0.41	0.0
31752	-335.4	-74.8	-248.8	-105.5	92.6	15.9	0.0331	0.0462	0.0022				-0.04	-0.20	-0.42	
31753	-296.9	-84.6	-253.8	-126.4	105.9	28.3	0.0331	0.0462	0.0022				-0.02	-0.19	-0.42	
31754	-272.7	-97.5	-278.2	-144.6	127.1	52.3	0.0331	0.0462	0.0022				-0.01	-0.18	-0.46	
31755	-282.5	-123.1	-365.9	-170.4	186.4	81.6	0.0331	0.0462	0.0022				-0.01	-0.18	-0.58	
31756	-401.6	-276.4	-842.4	-168.7	380.4	387.9	0.0331	0.0462	0.0057				-0.08	-0.20	-1.24	
31757	-586.9	-406.1	-1225.9	-140.2	-78.4	612.6	0.0331	0.0462	0.0057				-0.03	-0.63	-1.55	
31758	-558.5	-258.8	-843.3	-143.7	-425.4	239.9	0.0331	0.0462	0.0022	0.20	0.14	2.91	0.00	-0.51	-1.17	0.0
31759	-360.1	-112.9	-411.3	-154.0	-96.7	-20.3	0.0331	0.0462	0.0022				-0.04	-0.33	-0.52	
31760	-254.1	-94.5	-200.6	-147.1	-36.8	-20.0	0.0331	0.0462	0.0022				-0.01	-0.19	-0.35	
31761	-176.6	-87.7	-92.8	-144.5	74.1	-49.1	0.0331	0.0462	0.0022	1.94	1.39	28.74	0.00	-0.20	-0.35	0.0
31762	-6.4	-87.3	61.2	-77.9	113.2	-16.1	0.0331	0.0462	0.0140	4.85	3.47	11.49	0.00	-0.21	-0.31	0.0
31763	-16.8	-89.8	63.6	-84.3	121.1	-17.8	0.0331	0.0462	0.0140	5.06	3.63	12.00	0.00	-0.22	-0.33	0.0
31764	-32.7	-92.5	62.9	-93.3	128.3	-21.0	0.0331	0.0462	0.0140	5.19	3.72	12.31	0.00	-0.23	-0.35	0.0
31765	19.9	-90.3	-36.8	-99.1	90.4	-44.8	0.0331	0.0462	0.0140	4.13	2.96	9.78	0.00	-0.23	-0.29	0.0
31766	5.1	-93.8	-36.4	-105.5	90.3	-45.5	0.0331	0.0462	0.0140	4.00	2.86	9.47	0.00	-0.23	-0.29	0.0
31767	-15.6	-95.8	-36.2	-112.7	90.9	-44.1	0.0331	0.0462	0.0022	3.80	2.72	56.26	0.00	-0.22	-0.30	0.0
31768	21.3	-100.7	-116.7	-111.6	41.4	-39.3	0.0331	0.0462	0.0140	3.07	2.20	7.29	0.00	-0.23	-0.27	0.0
31769	5.9	-103.2	-115.7	-118.3	40.9	-41.6	0.0331	0.0462	0.0022	2.93	2.10	43.34	0.00	-0.22	-0.28	0.0
31770	-15.6	-103.6	-111.9	-124.3	41.0	-40.3	0.0331	0.0462	0.0022	2.67	1.91	39.54	0.00	-0.22	-0.28	0.0
31771	-123.3	-90.8	-21.6	-135.2	102.3	-42.0	0.0331	0.0462	0.0022	3.29	2.36	48.75	0.00	-0.20	-0.36	0.0
31772	-124.6	-106.0	-181.1	-146.7	-19.0	-27.4	0.0331	0.0462	0.0022	0.96	0.69	14.28	0.00	-0.20	-0.31	0.0
31773	-159.3	-148.6	-318.5	-139.0	-168.7	68.6	0.0331	0.0462	0.0022	1.85	1.32	27.40	0.00	-0.32	-0.49	0.0
31774	-83.7	-95.3	19.6	-122.3	122.5	-36.4	0.0331	0.0462	0.0022	4.38	3.13	64.84	0.00	-0.22	-0.37	0.0
31775	-73.5	-102.0	-110.3	-137.3	48.1	-40.1	0.0331	0.0462	0.0022	2.17	1.55	32.14	0.00	-0.20	-0.30	0.0
31776	-83.6	-124.6	-213.1	-136.7	-59.1	-17.2	0.0331	0.0462	0.0022	1.17	0.84	17.36	0.00	-0.22	-0.32	0.0
31777	-54.7	-95.8	50.4	-107.1	128.9	-25.7	0.0331	0.0462	0.0022	4.96	3.55	73.50	0.00	-0.22	-0.37	0.0
31778	-40.8	-99.1	-58.1	-123.8	79.7	-44.6	0.0331	0.0462	0.0022	3.23	2.31	47.80	0.00	-0.21	-0.31	0.0
31779	-42.8	-109.5	-140.2	-129.9	24.0	-32.2	0.0331	0.0462	0.0022	1.97	1.41	29.21	0.00	-0.21	-0.28	0.0
31788	-261.4	-33.9	-464.5	64.1	-311.1	148.8	0.0291	0.0406	0.0127	0.78	0.56	1.79	0.00	-0.08	-0.75	0.0
31839	5.9	-191.0	-758.5	27.6	106.1	493.1	0.0388	0.0358	0.0127	3.61	3.92	11.03	0.00	-0.17	-1.19	0.0
31840	-10.4	-177.8	-761.7	31.4	106.8	485.1	0.0386	0.0358	0.0127	3.63	3.91	11.03	0.00	-0.19	-1.18	0.0
31841	-28.3	-165.0	-801.3	30.9	121.9	484.3	0.0383	0.0360	0.0127	3.68	3.92	11.10	0.00	-0.21	-1.21	0.0
31842	-34.7	-154.4	-916.2	25.2	144.9	504.8	0.0379	0.0362	0.0127	3.76	3.94	11.23	0.00	-0.21	-1.32	0.0
31843	55.6	-86.1	-1019.6	19.0	63.9	500.6	0.0373	0.0365	0.0127	4.05	4.14	11.90	0.00	-0.11	-1.39	0.0
31844	142.4	5.5	-1026.0	67.7	-132.6	437.6	0.0366	0.0369	0.0161	4.93	4.90	11.19	0.00	-0.04	-1.38	0.0
31845	50.2	-13.8	-943.2	106.2	-253.9	366.2	0.0358	0.0373	0.0127	3.64	3.49	10.25	0.00	-0.03	-1.26	0.0
31846	-60.6	-42.0	-727.9	88.7	-342.8	269.7	0.0348	0.0377	0.0127	2.71	2.50	7.41	0.00	-0.06	-1.05	0.0
31847	-81.0	-17.5	-490.4	63.8	-296.4	178.3	0.0338	0.0383	0.0127	2.57	2.27	6.83	0.00	-0.06	-0.78	0.0
31848	-80.8	-2.4	-304.3	44.8	-242.7	120.8	0.0327	0.0388	0.0127	2.66	2.24	6.85	0.00	-0.07	-0.58	0.0
31849	-29.9	8.6	92.1	-19.7	28.3	-33.4	0.0125	0.0422	0.0244	8.95	2.65	4.57	0.00	-0.11	-0.15	0.0
31850	-32.7	10.1	79.2	-17.9	-42.6	-32.9	0.0136	0.0416	0.0244	7.43	2.43	4.14	0.00	-0.09	-0.16	0.0
31851	-35.5	12.6	58.1	-15.3	-64.0	-31.8	0.0148	0.0411	0.0244	6.54	2.35	3.95	0.00	-0.08	-0.17	0.0
31857	-194.7	-11.5	-296.6	36.7	-216.3	104.9	0.0152	0.0409	0.0244	2.22	0.82	1.38	0.00	-0.08	-0.52	0.0
31858	-70.3	10.4	-167.3	25.9	-186.8	79.1	0.0316	0.0394	0.0127	2.75	2.21	6.84	0.00	-0.07	-0.42	0.0
31861	-58.9	14.7	-67.1	10.2	-139.1	53.0	0.0305	0.0399	0.0127	2.93	2.23	7.01	0.00	-0.08	-0.30	0.0
31864	-44.8	15.0	11.6	-10.1	-96.9	36.9	0.0159	0.0405	0.0244	6.26	2.46	4.07	0.00	-0.10	-0.22	0.0
31866	-206.7	-15.7	-355.4	48.9	-250.0	125.9	0.0293	0.0405	0.0127	1.24	0.90	2.87	0.00	-0.08	-0.61	0.0
31875	-116.5	22.2	-650.1	83.9	-412.6	216.5	0.0287	0.0229	0.0127	4.38	5.48	9.89	0.00	-0.07	-1.06	0.0
31926	180.1	-128.0	-1287.2	39.4	65.7	556.9	0.0388	0.0179	0.0127	5.50	11.93	16.78	0.00	-0.15	-1.73	0.0
31927	161.6	-116.1	-1265.1	55.6	-54.5	536.4	0.0386	0.0180	0.0127	4.58	9.86	13.93	0.00	-0.09	-1.66	0.0
31928	153.7	-102.6	-1259.9	69.3	-75.4	514.3	0.0383	0.0181	0.0127	4.61	9.74	13.89	0.00	-0.10	-1.64	0.0
31929	163.1	-83.3	-1253.1	86.2	-115.8	485.3	0.0379	0.0184	0.0127	5.08	10.47	15.13	0.00	-0.12	-1.63	0.0
31930	155.1	-72.4	-1227.5	110.5	-167.2	442.9	0.0372	0.0187	0.0127	5.37	10.73	15.75	0.00	-0.14	-1.60	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
31931	129.4	-66.9	-1173.4	118.6	-220.5	393.5	0.0365	0.0190	0.0127	5.11	9.80	14.69	0.00	-0.14	-1.53	0.0
31932	121.3	-33.6	-1081.3	118.8	-270.6	339.2	0.0356	0.0195	0.0127	5.46	10.00	15.31	0.00	-0.14	-1.44	0.0
31933	95.2	-2.2	-963.0	120.6	-307.9	281.0	0.0347	0.0200	0.0127	5.59	9.71	15.24	0.00	-0.13	-1.32	0.0
31934	51.8	11.9	-818.7	113.1	-330.6	221.3	0.0336	0.0205	0.0127	5.22	8.57	13.81	0.00	-0.12	-1.17	0.0
31935	22.7	27.4	-664.0	98.4	-321.7	164.8	0.0325	0.0210	0.0127	4.93	7.60	12.59	0.00	-0.10	-0.99	0.0
31936	-18.3	46.6	-100.7	27.4	-157.8	-47.8	0.0121	0.0245	0.0244	11.05	5.45	5.47	0.00	-0.12	-0.36	0.0
31937	-16.3	46.8	-150.2	32.2	-177.0	-44.4	0.0133	0.0240	0.0244	10.28	5.69	5.57	0.00	-0.12	-0.41	0.0
31938	-13.6	47.7	-211.1	39.1	-200.0	46.2	0.0144	0.0234	0.0244	7.77	4.80	4.59	0.00	-0.06	-0.46	0.0
31944	-93.2	29.3	-491.7	70.8	-349.9	171.1	0.0148	0.0232	0.0244	8.24	5.27	5.00	0.00	-0.06	-0.86	0.0
31945	3.6	38.0	-523.3	81.9	-297.6	119.8	0.0313	0.0216	0.0127	4.65	6.73	11.45	0.00	-0.09	-0.83	0.0
31948	-6.9	44.6	-401.2	65.5	-266.8	84.9	0.0302	0.0222	0.0127	4.42	6.01	10.50	0.00	-0.08	-0.69	0.0
31951	-11.1	48.2	-293.8	50.6	-231.8	58.9	0.0156	0.0228	0.0244	7.87	5.38	5.02	0.00	-0.07	-0.56	0.0
31953	-87.9	28.0	-555.9	80.2	-369.6	190.2	0.0156	0.0228	0.0244	8.01	5.48	5.11	0.00	-0.06	-0.93	0.0
31962	-21.0	15.9	-765.0	109.5	-430.1	239.6	0.0150	0.0231	0.0244	11.75	7.61	7.19	0.00	-0.09	-1.20	0.0
32013	229.6	-137.4	-1590.5	37.2	-59.1	562.9	0.0388	0.0179	0.0127	6.01	13.05	18.36	0.00	-0.18	-2.02	0.0
32014	214.6	-126.8	-1545.5	59.3	-101.9	541.6	0.0386	0.0180	0.0127	5.82	12.51	17.68	0.00	-0.17	-1.96	0.0
32015	202.7	-113.2	-1498.1	78.9	-144.0	515.0	0.0383	0.0181	0.0127	5.79	12.23	17.46	0.00	-0.17	-1.90	0.0
32016	188.6	-97.9	-1445.3	96.2	-185.3	483.0	0.0378	0.0184	0.0127	5.80	11.94	17.27	0.00	-0.17	-1.84	0.0
32017	174.4	-78.3	-1383.3	109.1	-226.0	446.9	0.0372	0.0187	0.0127	5.88	11.69	17.20	0.00	-0.17	-1.78	0.0
32018	157.9	-54.8	-1308.5	121.0	-265.8	405.4	0.0364	0.0191	0.0127	6.03	11.50	17.27	0.00	-0.17	-1.70	0.0
32019	131.4	-36.0	-1220.1	128.8	-299.1	357.8	0.0355	0.0195	0.0127	5.98	10.87	16.70	0.00	-0.16	-1.60	0.0
32020	105.0	-16.9	-1118.3	129.0	-322.2	307.6	0.0345	0.0200	0.0127	5.89	10.14	15.99	0.00	-0.15	-1.49	0.0
32021	80.7	3.3	-1008.0	123.7	-333.7	257.9	0.0334	0.0206	0.0127	5.79	9.41	15.23	0.00	-0.14	-1.36	0.0
32022	56.0	18.9	-892.6	114.3	-334.4	210.5	0.0323	0.0211	0.0127	5.58	8.51	14.17	0.00	-0.13	-1.23	0.0
32023	-5.9	50.7	-333.1	52.4	-228.4	69.0	0.0118	0.0247	0.0244	9.85	4.69	4.74	0.00	-0.06	-0.58	0.0
32024	-2.1	49.7	-402.2	58.0	-244.1	78.1	0.0129	0.0241	0.0244	9.28	4.97	4.90	0.00	-0.06	-0.65	0.0
32025	3.2	48.6	-479.6	65.2	-261.6	89.0	0.0141	0.0235	0.0244	9.01	5.40	5.20	0.00	-0.07	-0.74	0.0
32031	-19.3	23.2	-650.8	98.8	-384.6	197.0	0.0145	0.0233	0.0244	11.26	6.98	6.67	0.00	-0.09	-1.05	0.0
32032	36.0	31.5	-779.1	101.8	-324.3	169.9	0.0311	0.0217	0.0127	5.33	7.62	13.03	0.00	-0.11	-1.10	0.0
32035	20.8	40.2	-671.7	88.9	-307.3	135.6	0.0165	0.0223	0.0127	9.21	6.80	11.95	0.00	-0.10	-0.97	0.0
32038	10.7	46.6	-569.5	76.1	-284.3	107.3	0.0153	0.0229	0.0127	9.09	6.06	10.94	0.00	-0.08	-0.85	0.0
32040	-11.8	20.0	-712.0	105.7	-393.8	213.3	0.0153	0.0229	0.0244	10.86	7.23	6.79	0.00	-0.09	-1.11	0.0
32049	54.1	0.8	-859.9	128.5	-421.0	258.2	0.0146	0.0233	0.0244	15.23	9.57	9.11	0.00	-0.15	-1.32	0.0
32100	224.6	-126.2	-1728.2	32.0	-69.6	555.3	0.0388	0.0179	0.0127	5.87	12.74	17.93	0.00	-0.18	-2.13	0.0
32101	212.8	-117.0	-1674.4	53.6	-118.0	535.7	0.0386	0.0180	0.0127	5.76	12.37	17.49	0.00	-0.17	-2.07	0.0
32102	199.5	-105.1	-1615.7	72.3	-162.3	510.9	0.0383	0.0181	0.0127	5.69	12.01	17.14	0.00	-0.17	-2.01	0.0
32103	185.5	-91.0	-1551.6	88.0	-203.2	481.8	0.0378	0.0184	0.0127	5.69	11.68	16.91	0.00	-0.17	-1.94	0.0
32104	169.8	-75.7	-1481.3	101.3	-240.4	448.5	0.0371	0.0187	0.0127	5.72	11.34	16.71	0.00	-0.16	-1.86	0.0
32105	152.1	-59.9	-1404.3	111.0	-272.6	412.0	0.0363	0.0191	0.0127	5.75	10.91	16.42	0.00	-0.16	-1.78	0.0
32106	134.0	-42.7	-1320.7	117.1	-298.9	373.4	0.0354	0.0196	0.0127	5.79	10.46	16.12	0.00	-0.15	-1.69	0.0
32107	114.1	-26.0	-1231.2	120.0	-318.3	333.8	0.0344	0.0201	0.0127	5.79	9.91	15.67	0.00	-0.15	-1.59	0.0
32108	93.9	-10.7	-1137.0	119.1	-329.5	294.1	0.0332	0.0207	0.0127	5.75	9.25	15.04	0.00	-0.14	-1.49	0.0
32109	75.5	3.5	-1039.9	114.8	-332.1	255.8	0.0321	0.0213	0.0127	5.68	8.57	14.33	0.00	-0.13	-1.38	0.0
32110	13.9	44.5	-501.5	73.8	-267.4	117.1	0.0114	0.0249	0.0244	11.81	5.43	5.52	0.00	-0.07	-0.78	0.0
32111	19.7	41.3	-579.8	78.2	-278.5	130.2	0.0126	0.0243	0.0244	10.97	5.69	5.65	0.00	-0.08	-0.86	0.0
32112	24.7	37.5	-663.8	83.1	-290.1	145.2	0.0138	0.0237	0.0244	10.25	5.97	5.79	0.00	-0.08	-0.94	0.0
32118	41.5	9.5	-774.1	118.7	-386.3	224.1	0.0141	0.0235	0.0244	14.21	8.55	8.23	0.00	-0.13	-1.19	0.0
32119	58.9	15.8	-943.5	107.9	-328.0	222.1	0.0174	0.0219	0.0127	9.84	7.85	13.50	0.00	-0.12	-1.27	0.0
32122	45.0	25.2	-848.8	99.9	-318.8	191.9	0.0162	0.0225	0.0127	9.93	7.18	12.69	0.00	-0.11	-1.16	0.0
32125	33.8	33.2	-753.9	91.1	-304.7	165.4	0.0150	0.0231	0.0127	10.04	6.54	11.87	0.00	-0.09	-1.05	0.0
32127	48.4	5.4	-834.0	122.6	-389.7	238.7	0.0150	0.0231	0.0244	13.53	8.77	8.29	0.00	-0.14	-1.25	0.0
32136	134.3	-9.1	-927.8	151.5	-399.9	279.8	0.0143	0.0234	0.0244	19.69	12.03	11.53	0.00	-0.22	-1.43	0.0
32187	201.6	-116.8	-1765.6	27.9	-72.1	537.8	0.0388	0.0179	0.0127	5.27	11.44	16.10	0.00	-0.16	-2.13	0.0
32188	194.1	-109.2	-1711.9	47.2	-118.0	520.1	0.0386	0.0180	0.0127	5.25	11.28	15.95	0.00	-0.16	-2.08	0.0
32189	184.5	-99.2	-1652.9	64.3	-160.1	498.1	0.0383	0.0182	0.0127	5.25	11.07	15.82	0.00	-0.16	-2.01	0.0
32190	173.3	-87.7	-1589.1	78.9	-198.0	472.5	0.0377	0.0184	0.0127	5.29	10.84	15.71	0.00	-0.15	-1.95	0.0
32191	161.2	-75.3	-1521.0	90.9	-231.4	444.3	0.0371	0.0188	0.0127	5.36	10.58	15.62	0.00	-0.15	-1.88	0.0
32192	148.6	-62.3	-1448.9	100.5	-259.9	414.6	0.0362	0.0192	0.0127	5.45	10.31	15.54	0.00	-0.15	-1.80	0.0
32193	135.3	-49.3	-1373.2	107.9	-283.0	383.9	0.0353	0.0196	0.0127	5.56	9.99	15.44	0.00	-0.15	-1.73	0.0
32194	121.9	-36.2	-1294.3	113.0	-300.3	353.0	0.0342	0.0202	0.0127	5.68	9.64	15.29	0.00	-0.15	-1.65	0.0
32195	108.6	-23.1	-1212.9	115.8	-311.9	322.8	0.0331	0.0207	0.0127	5.79	9.24	15.08	0.00	-0.14	-1.56	0.0
32196	95.8	-10.2	-1128.9	116.4	-317.6	293.5	0.0319	0.0214	0.0127	5.90	8.81	14.79	0.00	-0.14	-1.47	0.0
32197	53.1	56.5	-588.4	104.2	-291.4	173.3	0.0111	0.0250	0.0244	16.26	7.23	7.40	0.00	-0.09	-0.93	0.0
32198	50.3	44.9	-676.1	102.9	-296.6	186.7	0.0123	0.0244	0.0244	13.89	6.99	6.99	0.00	-0.09	-1.00	0.0
32199	57.8	34.7	-767.9	105.0	-302.2	202.0	0.0135	0.0238	0.0244	12.73	7.22	7.04	0.00	-0.10	-1.09	0.0
32205	111.3	2.3	-855.4	143.3	-375.7	256.0	0.0138	0.0237	0.0244	18.43	10.78	10.44	0.00	-0.19	-1.32	0.0
32206	83.9	2.6	-1043.5	114.8	-318.3	267.4	0.0172	0.0220	0.0127	10.64	8.34	14.42	0.00	-0.13	-1.38	0.0
32209	73.4	13.9	-955.8	112.1	-315.3	243.3	0.0160	0.0226	0.0127	11.17	7.91	14.06	0.00	-0.12	-1.29	0.0
32212	64.4	25.3	-862.8	108.3	-309.0	220.9	0.0147	0.0232	0.0127	11.81	7.51	13.71	0.00	-0.11	-1.19	0.0
32214	113.2	-3.4	-916.3	143.2	-373.9	267.8	0.0147	0.0232	0.0244	17.05	10.76	10.24	0.00	-0.19	-1.37	0.0
32223	236.9	-6.7	-976.5	192.8	-376.1	304.5	0.0140	0.0146	0.0244	26.99	25.85	15.48	0.00	-0.32	-1.56	0.0
32274	178.2	-111.2	-1747.3	25.6	-72.5	523.5	0.0388	0.0089	0.0127	4.67	20.24	14.25	0.00	-0.14	-2.08	0.0
32275	175.1	-104.8	-1696.7	42.9	-113.7	507.7	0.0386	0.0090	0.0127	4.74	20.24	14.40	0.00	-0.14	-2.04	0.0
32276	170.0	-96.5	-1641.5	58.7	-151.8	488.3	0.0382	0.0092	0.0127	4.83	20.03	14.54	0.00	-0.14	-1.98	0.0
32277	163.4	-86.9	-1582.5	72.7	-186.3	466.5	0.0377	0.0095	0.0127	4.95	19.66	14.69	0.00	-0.14	-1.92	0.0
32278	155.9	-76.6	-1520.3	84.8	-216.6	443.0	0.0370	0.0098	0.0127	5.10	19.18	14.86	0.00	-0.14	-1.86	0.0
32279	148.1	-65.8	-1455.5	95.3	-242.4	418.7	0.0362	0.0103	0.0127	5.29	18.64	15.06	0.00	-0.15	-1.80	0.0
32280	140.3	-54.6	-1388.6	104.3	-263.6	394.3	0.0352	0.0108	0.0127	5.52	18.04	15.27	0.00	-0.15	-1.74	0.0
32281	132.4	-42.9	-1319.8	112.0	-280.2	370.4	0.0341	0.0113	0.0127	5.77	17.42	15.49	0.00	-0.15	-1.67	0.0
32282	124.8	-30.4	-1249.0	118.4	-292.2	347.3	0.0329	0.0119	0.0127	6.06	16.79	15.71	0.00	-0.15	-1.60	0.0
32283	118.0	-16.7	-1175.2	123.5	-299.9	325.3	0.0317	0.0125	0.0127	6.40	16.20	15.95	0.00	-0.15	-1.53	0.0
32284	99.1	95.5	-575.3	151.9	-317.8	235.5	0.0108	0.0162	0.0244	23.98	16.01	10.63	0.00	-0.11	-1.05	0.0
32285	129.7	76.6	-690.4	156.3	-314.3	244.7	0.0120	0.0156	0.0244	22.89	17.59	11.26	0.00	-0.15	-1.16	0.0
32286	108.3	52.4	-810.1	141.9	-306.9	256.8	0.0132	0.0150	0.0244	17.77	15.67	9.63	0.00	-0.14	-1.22	0.0
32292	210.5	10.1	-907.8	189.2	-361.1	291.5	0.0135	0.0149	0.0244	26.15	23.82	14.50	0.00	-0.28	-1.47	0.0
32293	111.7	-1.2	-1097.9	127.4	-304.1	306.1	0.0170	0.0131	0.0127	12.10	15.66	16.19	0.00	-0.14	-1.46	0.0
32296	106.9	14.3	-1014.0	131.0	-305.8	288.3	0.0158	0.0138	0.0127	13.36	15.28	16.56	0.00	-0.14	-1.38	0.0
32299	103.9	32.5	-917.9	134.6	-305.8	271.7	0.0145	0.0144	0.0127	15.02	15.12	17.13	0.00	-0.13	-1.30	0.0
32301	193.4	1.3	-969.8	181.2	-354.3	298.8	0.0144	0.0145	0.0244	22.83	22.73	13.44	0.00	-0.27	-1.50	0.0
32310	362.8	8.0	-1018.4	256.5	-347.7	323.9	0.0137	0.0148	0.0244	37.69	35.02	21.18	0.00	-0.47	-1.73	0.0
32361	156.9	-108.8	-1708.4	24.8	-73.6	518.3	0.0388	0.0089	0.0127	4.12	17.87	12.58	0.00	-0.12	-2.02	0.0
32362	157.6	-103.2	-1662.0	40.6	-110.0	503.8	0.0386	0.0090	0.0127	4.28	18.25	12.99	0.00	-0.12	-1.98	0.0
32363	156.6	-96.1	-1611.9	55.6	-144.3	486.6	0.0382	0.0092	0.0127	4.45	18.44	13.40	0.00	-0.12	-1.94	0.0
32364	154.4	-87.7	-1559.0	69.3	-175.8	467.5	0.0377	0.0095	0.0127	4.67	18.48	13.83	0.00	-0.13	-1.89	0.0
32365	151.5	-78.4	-1503.6	81.9	-203.8	447.2	0.0369	0.0099	0.0127	4.92	18.40	14.29	0.00	-0.14	-1.84	0.0
32366	148.4	-68.5	-1446.4	93.4	-227.8	426.7	0.0361	0.0103	0.0127	5.21	18.25	14.80	0.00	-0.14	-1.79	0.0
32367	145.2	-57.8	-1387.6	104.1	-247.6	406.4	0.0351	0.0108	0.0127	5.56	18.04	15.34	0.00	-0.15	-1.74	0.0
32368	142.2	-46.1	-1327.3	114.1	-263.3	386.9	0.0340	0.0114	0.0127	5.96	17.82	15.93	0.00	-0.15	-1.69	0.0
32369	139.7	-32.6	-1264.9	123.6	-275.2	368.6	0.0328	0.0120	0.0127	6.44	17.63	16.60	0.00	-0.16	-1.63	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
32370	138.5	-16.8	-1198.6	132.9	-283.5	351.7	0.0181	0.0126	0.0127	12.23	17.55	17.40	0.00	-0.16	-1.58	0.0
32371	615.1	293.1	-418.9	431.2	-402.3	319.1	0.0219	0.0164	0.0244	42.73	57.10	38.24	0.00	-0.62	-1.69	0.0
32372	238.3	163.2	-670.8	253.6	-317.0	307.9	0.0118	0.0158	0.0244	39.07	29.12	18.79	0.00	-0.29	-1.36	0.0
32373	171.3	93.8	-821.9	191.5	-303.0	308.8	0.0130	0.0152	0.0244	25.42	21.79	13.51	0.00	-0.20	-1.35	0.0
32379	341.0	36.4	-950.9	265.7	-339.1	320.1	0.0133	0.0150	0.0244	38.47	34.00	20.89	0.00	-0.44	-1.66	0.0
32380	138.1	2.6	-1127.0	142.2	-289.1	337.5	0.0168	0.0132	0.0127	13.89	17.62	18.36	0.00	-0.16	-1.52	0.0
32383	140.3	24.0	-1045.3	152.9	-293.1	325.3	0.0155	0.0139	0.0127	16.11	18.02	19.68	0.00	-0.17	-1.46	0.0
32386	145.0	52.0	-945.2	167.0	-296.6	314.9	0.0142	0.0145	0.0127	19.30	18.93	21.63	0.00	-0.17	-1.40	0.0
32388	283.1	20.9	-1009.4	237.3	-331.2	323.8	0.0141	0.0146	0.0244	30.92	29.93	17.86	0.00	-0.38	-1.64	0.0
32389	-1296.6	-2500.3	-6378.6	209.2	-380.6	4219.8	0.0331	0.0462	0.0055	6.20	4.44	37.62	0.00	-1.48	-9.31	0.0
32390	-1201.9	-2364.5	-6031.4	166.0	-385.8	3988.5	0.0331	0.0462	0.0055	5.90	4.22	35.78	0.00	-1.38	-8.81	0.0
32391	-1113.5	-2190.3	-5665.1	139.4	-379.9	3723.7	0.0331	0.0462	0.0055	5.66	4.05	34.32	0.00	-1.28	-8.25	0.0
32392	-1046.5	-1958.9	-5284.1	112.5	-354.5	3389.2	0.0331	0.0462	0.0055	4.86	3.48	29.46	0.00	-1.19	-7.58	0.0
32393	-994.4	-1670.1	-4885.4	95.3	-289.5	2867.2	0.0331	0.0462	0.0055	0.41	0.29	2.48	0.00	-1.00	-6.59	0.0
32394	-1015.8	-1296.4	-5518.2	82.8	341.0	1534.3	0.0331	0.0462	0.0055				-0.69	-1.11	-6.03	
32395	-845.4	-999.0	-6182.7	159.8	-891.5	362.0	0.0331	0.0462	0.0055				-0.67	-1.00	-6.36	
32396	-2295.6	-943.3	-3762.1	-323.2	-2401.9	-173.5	0.0331	0.0462	0.0057				-0.46	-0.97	-5.56	
32397	-1275.2	-683.2	-2579.7	-252.9	62.8	-79.6	0.0331	0.0462	0.0057				-0.59	-1.37	-2.59	
32398	-1041.1	-746.5	-3024.9	-216.6	-471.2	-266.6	0.0331	0.0462	0.0057				-0.63	-1.01	-3.17	
32399	-622.3	-459.3	-1426.7	-181.2	-1050.8	-233.3	0.0331	0.0462	0.0057	3.06	2.19	17.89	0.00	-0.51	-2.30	0.0
32400	-68.9	-198.1	-302.6	-121.8	-262.3	-25.7	0.0331	0.0462	0.0140	3.82	2.73	9.05	0.00	-0.32	-0.63	0.0
32401	104.6	-131.2	-131.2	-91.6	-43.4	-17.2	0.0331	0.0462	0.0140	4.25	3.04	10.08	0.00	-0.26	-0.32	0.0
32402	141.3	-106.5	-68.6	-67.5	62.9	-12.9	0.0331	0.0462	0.0140	5.30	3.79	12.56	0.00	-0.26	-0.30	0.0
32403	112.8	-97.6	-25.9	-44.0	90.5	-22.5	0.0331	0.0462	0.0140	5.04	3.61	11.94	0.00	-0.24	-0.27	0.0
32404	49.7	-87.5	48.0	-18.7	86.7	-55.3	0.0331	0.0462	0.0140	4.45	3.19	10.55	0.00	-0.18	-0.26	0.0
32405	-449.7	-1280.5	-2395.0	117.6	-180.5	2233.9	0.0331	0.0462	0.0055	14.05	10.06	85.26	0.00	-0.90	-4.62	0.0
32406	-404.0	-1203.7	-2268.8	82.0	-188.9	2107.1	0.0331	0.0462	0.0055	13.30	9.53	80.72	0.00	-0.84	-4.36	0.0
32407	-370.4	-1108.4	-2146.6	54.8	-182.4	1953.4	0.0331	0.0462	0.0055	12.08	8.65	73.29	0.00	-0.77	-4.06	0.0
32408	-378.2	-990.4	-2064.5	34.1	-131.2	1738.7	0.0331	0.0462	0.0055	8.95	6.41	54.30	0.00	-0.67	-3.65	0.0
32409	-494.7	-834.4	-2121.4	25.7	193.3	1337.0	0.0331	0.0462	0.0055	1.08	0.77	6.54	0.00	-0.55	-3.01	0.0
32410	-925.3	-1014.6	-4531.2	-98.0	1351.9	853.9	0.0331	0.0462	0.0055				-0.41	-0.91	-5.15	
32411	-749.1	-1041.1	-6160.2	148.1	-835.1	382.4	0.0331	0.0462	0.0055				-0.60	-1.03	-6.32	
32412	-2204.3	-930.5	-3659.2	-279.9	-2310.8	-117.4	0.0331	0.0462	0.0057				-0.46	-0.97	-5.37	
32413	-1239.8	-672.4	-2549.3	-234.2	102.0	219.1	0.0331	0.0462	0.0057				-0.57	-1.30	-2.59	
32414	-1030.4	-734.8	-3013.6	-198.0	-459.3	227.4	0.0331	0.0462	0.0057				-0.56	-1.09	-3.13	
32415	-612.9	-447.0	-1398.7	-178.4	-1048.1	21.2	0.0331	0.0462	0.0057	4.70	3.36	27.48	0.00	-0.64	-2.28	0.0
32416	-61.8	-189.2	-282.3	-135.5	-245.8	-25.3	0.0331	0.0462	0.0140	3.94	2.82	9.33	0.00	-0.32	-0.61	0.0
32417	103.7	-124.7	-125.7	-100.7	-40.6	-13.2	0.0331	0.0462	0.0140	4.41	3.16	10.45	0.00	-0.26	-0.32	0.0
32418	137.2	-102.2	-64.9	-74.2	64.0	-14.4	0.0331	0.0462	0.0140	5.32	3.81	12.61	0.00	-0.26	-0.30	0.0
32419	108.9	-95.3	-24.5	-49.2	88.7	-22.9	0.0331	0.0462	0.0140	4.97	3.56	11.78	0.00	-0.23	-0.27	0.0
32420	47.3	-87.1	47.8	-21.5	82.2	-53.0	0.0331	0.0462	0.0140	4.29	3.07	10.17	0.00	-0.17	-0.25	0.0
32436	-5.2	10.1	113.0	-16.5	66.2	-93.4	0.0054	0.0458	0.0244	35.44	4.16	7.78	0.00	-0.21	-0.25	0.0
32452	-5.2	9.0	114.4	-16.7	62.7	-88.7	0.0051	0.0459	0.0244	36.74	4.04	7.60	0.00	-0.20	-0.24	0.0
32468	-21.9	50.2	39.3	-20.7	-62.3	-85.5	0.0053	0.0279	0.0244	25.55	4.87	5.56	0.00	-0.11	-0.23	0.0
32484	-22.0	49.7	49.1	-18.9	-59.4	-81.1	0.0050	0.0281	0.0244	27.14	4.86	5.58	0.00	-0.11	-0.22	0.0
32500	-26.4	51.5	-118.8	-23.1	-151.8	-76.4	0.0053	0.0279	0.0244	19.99	3.78	4.32	0.00	-0.05	-0.36	0.0
32516	-26.5	51.0	-99.3	-19.8	-146.4	-70.7	0.0050	0.0281	0.0244	21.39	3.80	4.37	0.00	-0.06	-0.34	0.0
32532	-25.8	44.3	-253.8	-30.3	-221.2	-81.2	0.0052	0.0280	0.0244	21.75	4.07	4.66	0.00	-0.06	-0.52	0.0
32548	-26.3	42.9	-225.4	-25.1	-214.6	-72.2	0.0050	0.0281	0.0244	23.32	4.12	4.74	0.00	-0.06	-0.49	0.0
32564	21.1	56.0	-291.9	-42.6	-282.2	-105.5	0.0052	0.0280	0.0244	36.49	6.78	7.76	0.00	-0.11	-0.67	0.0
32580	19.9	53.1	-254.4	-34.8	-275.3	-90.3	0.0049	0.0281	0.0244	39.00	6.86	7.89	0.00	-0.12	-0.64	0.0
32596	-33.9	79.9	-129.1	-81.3	-352.1	-156.8	0.0052	0.0191	0.0244	55.09	14.92	11.64	0.00	-0.16	-0.77	0.0
32612	-36.9	76.7	-79.7	-66.5	-345.6	-130.3	0.0049	0.0192	0.0244	60.27	15.46	12.14	0.00	-0.19	-0.74	0.0
32628	1416.9	376.4	634.4	-92.6	906.1	-173.2	0.0164	0.0259	0.0244	123.50	78.34	83.10	0.00	-1.65	-2.02	0.0
32644	1430.6	386.8	698.2	-79.9	923.6	-137.4	0.0162	0.0260	0.0244	127.71	79.51	84.71	0.00	-1.68	-2.01	0.0
32645	-491.4	-1327.5	-2517.6	157.4	-167.6	2344.9	0.0331	0.0462	0.0055	15.02	10.75	91.14	0.00	-0.98	-4.85	0.0
32646	-532.4	-1360.8	-2638.8	188.3	-157.4	2431.9	0.0331	0.0462	0.0055	15.63	11.19	94.86	0.00	-1.04	-5.05	0.0
32647	-599.0	-1368.6	-2777.8	202.4	-169.3	2468.9	0.0331	0.0462	0.0055	15.03	10.76	91.22	0.00	-1.08	-5.15	0.0
32648	-744.6	-1347.6	-3017.1	190.1	-266.2	2389.2	0.0331	0.0462	0.0055	10.53	7.54	63.90	0.00	-1.07	-5.09	0.0
32649	-1105.6	-1268.1	-3581.5	121.0	-717.6	1933.0	0.0331	0.0462	0.0055				-0.10	-1.05	-4.80	
32650	-2128.6	-1906.5	-9031.9	179.6	-3026.0	1212.8	0.0331	0.0462	0.0055				-0.91	-1.82	-10.34	
32651	-1743.8	-2397.5	-14462.0	-230.6	1016.1	388.4	0.0331	0.0462	0.0055				-1.61	-2.44	-14.56	
32652	-6663.9	-2419.2	-9051.1	492.7	6596.0	-485.7	0.0331	0.0462	0.0055				-1.15	-2.38	-14.60	
32653	-3573.5	-1249.0	-3619.1	324.1	1589.1	122.8	0.0331	0.0462	0.0057				-1.13	-2.12	-5.19	
32654	-2280.2	-1077.7	-3480.5	197.1	1198.4	186.9	0.0331	0.0462	0.0057				-0.96	-1.66	-4.22	
32655	-1239.0	-664.5	-1575.9	140.9	1444.2	44.6	0.0331	0.0462	0.0057	2.15	1.54	12.60	0.00	-0.76	-2.93	0.0
32656	-344.0	-326.5	-352.5	99.1	413.7	35.5	0.0331	0.0462	0.0022	2.65	1.89	39.19	0.00	-0.43	-0.85	0.0
32657	-14.6	-207.1	-186.6	67.9	135.1	19.2	0.0331	0.0462	0.0022	2.31	1.65	34.18	0.00	-0.29	-0.34	0.0
32658	105.0	-150.2	-118.0	44.7	-18.1	20.7	0.0331	0.0462	0.0022	3.43	2.46	50.81	0.00	-0.22	-0.28	0.0
32659	112.0	-125.0	-65.7	28.0	-89.2	18.5	0.0331	0.0462	0.0022	4.54	3.25	67.28	0.00	-0.23	-0.30	0.0
32660	53.4	-111.0	50.0	-12.3	-107.5	-40.7	0.0331	0.0462	0.0022	4.86	3.48	71.93	0.00	-0.20	-0.29	0.0
32661	-1375.3	-2611.3	-6705.4	263.1	-371.9	4428.4	0.0331	0.0462	0.0055	6.67	4.77	40.46	0.00	-1.57	-9.78	0.0
32662	-1440.0	-2702.9	-7017.0	298.5	-358.9	4608.7	0.0331	0.0462	0.0055	6.97	4.99	42.30	0.00	-1.65	-10.20	0.0
32663	-1518.3	-2744.7	-7323.1	306.7	-353.0	4736.2	0.0331	0.0462	0.0055	6.94	4.97	42.09	0.00	-1.73	-10.55	0.0
32664	-1628.5	-2705.9	-7646.9	296.5	-373.8	4740.6	0.0331	0.0462	0.0055	5.18	3.71	31.41	0.00	-1.78	-10.72	0.0
32665	-1764.9	-2583.1	-8016.4	212.6	-469.3	4389.7	0.0331	0.0462	0.0055				-0.14	-1.74	-10.49	
32666	-2053.2	-2357.4	-10658.6	14.1	-1360.9	2379.4	0.0331	0.0462	0.0055				-1.45	-2.14	-11.48	
32667	-1868.0	-2318.1	-14407.7	-252.0	1115.6	353.8	0.0331	0.0462	0.0055				-1.69	-2.39	-14.52	
32668	-6748.4	-2437.2	-9191.2	588.2	6693.7	-631.1	0.0331	0.0462	0.0055				-1.16	-2.38	-14.83	
32669	-3604.5	-1272.6	-3685.5	368.0	1645.0	-261.3	0.0331	0.0462	0.0057				-1.22	-2.01	-5.34	
32670	-2288.2	-1096.7	-3466.6	229.8	1206.0	-355.1	0.0331	0.0462	0.0057				-1.04	-1.54	-4.28	
32671	-1264.6	-682.7	-1610.3	144.7	1432.3	-271.7	0.0331	0.0462	0.0057	0.39	0.28	2.31	0.00	-0.66	-2.93	0.0
32672	-372.9	-340.8	-392.3	70.9	455.5	-33.9	0.0331	0.0462	0.0022	2.26	1.62	33.48	0.00	-0.41	-0.92	0.0
32673	-21.5	-218.5	-195.6	43.7	145.0	16.8	0.0331	0.0462	0.0022	2.06	1.47	30.46	0.00	-0.29	-0.35	0.0
32674	103.4	-157.2	-122.3	-33.9	-16.0	24.4	0.0331	0.0462	0.0022	3.30	2.36	48.93	0.00	-0.22	-0.28	0.0
32675	111.9	-129.4	-67.0	-27.7	-90.0	24.4	0.0331	0.0462	0.0022	4.64	3.32	68.77	0.00	-0.25	-0.29	0.0
32676	53.6	-114.5	50.4	-19.9	-111.4	-36.1	0.0331	0.0462	0.0022	4.95	3.55	73.37	0.00	-0.20	-0.30	0.0
32692	-38.7	61.5	64.7	26.2	-19.1	-80.1	0.0051	0.0459	0.0127	29.41	3.24	11.69	0.00	-0.16	-0.19	0.0
32708	-39.3	63.2	63.3	27.0	-19.1	-73.4	0.0054	0.0458	0.0127	26.55	3.11	11.21	0.00	-0.15	-0.19	0.0
32724	-76.6	142.5	-204.5	40.5	200.7	-90.9	0.0050	0.0281	0.0127	32.94	5.89	13.02	0.00	-0.10	-0.54	0.0
32740	-76.2	144.1	-214.8	45.0	209.1	-83.5	0.0053	0.0279	0.0127	30.57	5.82	12.80	0.00	-0.09	-0.55	0.0
32756	-99.7	146.2	-639.5	44.5	345.7	-98.6	0.0050	0.0281	0.0127	31.71	5.64	12.46	0.00	-0.09	-0.98	0.0
32772	-99.0	147.1	-658.0	49.8	355.5	-93.2	0.0053	0.0279	0.0127	30.04	5.67	12.47	0.00	-0.08	-1.00	0.0
32788	-112.6	111.9	-1062.6	43.5	442.1	-109.7	0.0050	0.0281	0.0127	24.59	4.35	9.61	0.00	-0.06	-1.37	0.0
32804	-111.9	112.3	-1085.4	48.5	451.6	-108.2	0.0052	0.0280	0.0127	23.49	4.40	9.68	0.00	-0.06	-1.40	0.0
32820	-119.0	67.2	-1395.2	40.6	503.7	-123.6	0.0049	0.0281	0.0127	15.71	2.76	6.11	0.00	-0.02	-1.66	0.0
32836	-118.4	67.5	-1418.9	44.8	511.9	-126.5	0.0052	0.0280	0.0127	15.06	2.80	6.16	0.00	-0.02	-1.69	0.0
32852	-121.5	24.9	-1626.6	37.7	542.8	-138.1	0.0049	0.0192	0.0127	11.36	2.91	4.40	0.00	-0.02	-1.87	0.0
32868	-121.0	25.2	-1649.3	41.0	549.5	-145.2	0.0052	0.0191	0.0127	11.13	3.02	4.52	0.00	-0.02	-1.90	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
32884	-123.3	-11.4	-1774.9	35.5	569.4	-151.9	0.0049	0.0192	0.0127	11.49	2.93	4.43	0.00	-0.06	-2.02	0.0
32900	-122.8	-11.1	-1795.5	38.1	574.5	-162.5	0.0051	0.0191	0.0127	11.31	3.04	4.57	0.00	-0.06	-2.05	0.0
32901	53.1	-85.7	49.4	-14.4	93.9	-59.4	0.0331	0.0462	0.0140	4.73	3.39	11.21	0.00	-0.18	-0.27	0.0
32902	117.7	-99.4	-28.3	-35.5	93.5	-21.7	0.0331	0.0462	0.0140	5.13	3.67	12.15	0.00	-0.24	-0.28	0.0
32903	144.6	-111.5	-75.6	-56.6	59.2	-12.2	0.0331	0.0462	0.0140	5.18	3.71	12.27	0.00	-0.26	-0.29	0.0
32904	97.7	-135.2	-149.3	-80.9	-62.1	-10.5	0.0331	0.0462	0.0140	4.06	2.91	9.62	0.00	-0.27	-0.32	0.0
32905	-83.3	-192.1	-306.8	-110.9	-254.9	-60.1	0.0331	0.0462	0.0140	2.92	2.09	6.93	0.00	-0.26	-0.61	0.0
32906	-570.8	-414.9	-1220.9	-181.2	-911.5	-247.4	0.0331	0.0462	0.0057	2.17	1.56	12.71	0.00	-0.42	-2.00	0.0
32907	-957.6	-661.6	-2539.3	-231.5	-449.8	-221.3	0.0331	0.0462	0.0057				-0.53	-0.93	-2.70	
32908	-1284.5	-643.0	-2320.3	-296.3	-294.7	-110.6	0.0331	0.0462	0.0057				-0.53	-1.30	-2.42	
32909	-2426.6	-976.5	-3965.1	-416.5	-2591.6	-287.7	0.0331	0.0462	0.0057				-0.44	-0.98	-5.95	
32910	-930.2	-980.3	-6375.0	97.3	-957.5	297.9	0.0331	0.0462	0.0055				-0.76	-0.97	-6.56	
32911	-969.3	-820.7	-6279.2	84.5	-589.2	365.3	0.0331	0.0462	0.0055				-0.78	-0.92	-6.37	
32912	-1112.7	-724.1	-6666.1	88.2	-545.1	424.6	0.0331	0.0462	0.0055				-0.69	-1.07	-6.75	
32913	-1152.2	-756.3	-7057.2	102.4	-563.6	499.6	0.0331	0.0462	0.0055				-0.71	-1.11	-7.15	
32914	-1171.3	-814.0	-7474.5	39.1	-523.6	550.5	0.0331	0.0462	0.0055				-0.77	-1.13	-7.56	
32915	-1289.9	-787.1	-8018.5	-46.8	-473.0	540.7	0.0331	0.0462	0.0055				-0.73	-1.27	-8.09	
32916	-1445.5	-747.0	-8584.2	7.0	-495.4	509.6	0.0331	0.0462	0.0055				-0.71	-1.41	-8.65	
32917	56.3	-86.3	51.3	12.0	105.1	-62.6	0.0331	0.0462	0.0140	4.96	3.55	11.75	0.00	-0.18	-0.29	0.0
32918	121.7	-104.1	-32.8	-22.3	98.2	-20.9	0.0331	0.0462	0.0140	5.21	3.73	12.35	0.00	-0.25	-0.28	0.0
32919	145.9	-121.6	-88.4	-40.1	55.4	-12.9	0.0331	0.0462	0.0140	4.97	3.56	11.78	0.00	-0.26	-0.29	0.0
32920	87.2	-159.4	-177.9	-69.1	-87.7	-18.7	0.0331	0.0462	0.0140	3.83	2.74	9.07	0.00	-0.27	-0.36	0.0
32921	-196.3	-271.9	-650.9	-110.7	-505.2	123.1	0.0331	0.0462	0.0140	5.63	4.03	13.35	0.00	-0.51	-1.17	0.0
32922	-578.2	-469.4	-1641.4	-179.8	-586.2	117.6	0.0331	0.0462	0.0057				-0.17	-0.62	-1.90	
32923	-920.9	-610.4	-2310.3	-262.3	-420.8	-77.2	0.0331	0.0462	0.0057				-0.45	-0.95	-2.44	
32924	-1300.3	-614.5	-2198.8	-359.5	-433.9	-108.9	0.0331	0.0462	0.0057				-0.46	-1.25	-2.41	
32925	-2589.3	-1022.2	-4294.2	-601.9	-2932.3	-516.9	0.0331	0.0462	0.0057				-0.34	-0.96	-6.60	
32926	-974.4	-1039.7	-6998.5	50.2	-1065.6	165.5	0.0331	0.0462	0.0055				-0.79	-1.04	-7.19	
32927	-764.6	-876.5	-5498.0	-107.6	474.1	-609.1	0.0331	0.0462	0.0055				-0.59	-0.93	-5.62	
32928	-771.5	-673.9	-4213.1	-125.8	-555.7	-1317.6	0.0331	0.0462	0.0055				-0.23	-0.70	-4.73	
32929	-1149.6	-883.1	-5647.4	-10.6	-1415.0	-622.3	0.0331	0.0462	0.0055				-0.61	-0.94	-6.12	
32930	-925.0	-1037.6	-7213.0	-35.6	-537.9	209.7	0.0331	0.0462	0.0055				-0.86	-1.05	-7.27	
32931	-1091.6	-1006.7	-6337.5	-146.4	924.8	-754.8	0.0331	0.0462	0.0055				-0.65	-1.19	-6.59	
32932	-959.2	-908.6	-5090.5	-121.6	-146.0	-1954.1	0.0331	0.0462	0.0055				-0.13	-0.96	-5.87	
32933	57.9	-87.0	53.3	20.1	118.7	-63.9	0.0331	0.0462	0.0140	5.38	3.85	12.75	0.00	-0.19	-0.32	0.0
32934	121.6	-107.1	-37.6	20.9	102.9	-19.2	0.0331	0.0462	0.0140	5.21	3.73	12.35	0.00	-0.24	-0.30	0.0
32935	140.9	-127.8	-101.9	20.4	50.6	-14.7	0.0331	0.0462	0.0140	4.59	3.29	10.89	0.00	-0.25	-0.29	0.0
32936	71.4	-168.2	-214.9	-45.6	-111.8	-47.2	0.0331	0.0462	0.0140	3.41	2.44	8.07	0.00	-0.25	-0.40	0.0
32937	-194.4	-302.4	-709.9	-131.8	-498.4	-390.0	0.0331	0.0462	0.0057	4.11	2.95	24.06	0.00	-0.28	-1.33	0.0
32938	-560.2	-497.7	-1673.4	-208.1	-582.4	-416.8	0.0331	0.0462	0.0057				-0.30	-0.37	-2.06	
32939	-896.2	-638.8	-2358.2	-280.1	-454.2	-128.0	0.0331	0.0462	0.0057				-0.45	-0.94	-2.51	
32940	-1162.7	-673.0	-2240.1	-438.4	-291.0	-161.2	0.0331	0.0462	0.0057				-0.42	-1.30	-2.36	
32941	-1918.9	-1060.8	-3141.2	-846.1	-1943.1	-1381.0	0.0331	0.0462	0.0057				-0.33	-0.59	-5.20	
32942	-1817.0	-1360.4	-6059.0	-446.0	-2032.7	-1221.5	0.0331	0.0462	0.0055				-0.98	-1.09	-7.17	
32943	-793.8	-1097.6	-6235.0	174.9	402.6	1095.4	0.0331	0.0462	0.0055				-0.57	-1.08	-6.48	
32944	-572.2	-677.3	-3682.1	-28.1	436.4	1140.0	0.0331	0.0462	0.0055				-0.25	-0.57	-4.12	
32945	-1184.7	-836.3	-4838.5	-29.9	-2218.2	150.7	0.0331	0.0462	0.0055				-0.13	-0.85	-5.89	
32946	-796.1	-1262.8	-7794.6	-37.2	-520.8	272.1	0.0331	0.0462	0.0055				-0.75	-1.26	-7.84	
32947	-959.4	-875.1	-5358.4	-74.8	2436.2	232.3	0.0331	0.0462	0.0055	3.75	2.68	22.73	0.00	-0.99	-6.58	0.0
32948	-389.5	-215.3	-1919.2	-30.2	433.5	-125.9	0.0331	0.0462	0.0055				-0.17	-0.31	-2.04	
32949	57.3	-86.5	56.2	28.9	132.8	-63.9	0.0331	0.0462	0.0140	5.80	4.15	13.74	0.00	-0.21	-0.34	0.0
32950	117.0	-108.1	-42.4	34.6	107.8	-17.7	0.0331	0.0462	0.0140	5.24	3.75	12.41	0.00	-0.24	-0.31	0.0
32951	132.1	-129.6	-114.7	33.7	49.1	-21.1	0.0331	0.0462	0.0140	4.37	3.13	10.35	0.00	-0.25	-0.30	0.0
32952	72.5	-172.1	-228.9	-38.4	-97.8	-80.3	0.0331	0.0462	0.0140	3.09	2.21	7.32	0.00	-0.22	-0.42	0.0
32953	-85.2	-261.7	-432.0	-107.0	-273.1	-99.8	0.0331	0.0462	0.0022	2.17	1.55	32.13	0.00	-0.29	-0.71	0.0
32954	-541.2	-505.0	-1331.5	-207.0	-961.4	-211.8	0.0331	0.0462	0.0057	3.27	2.34	19.12	0.00	-0.56	-2.14	0.0
32955	-902.9	-781.4	-2741.9	-256.6	-556.2	96.3	0.0331	0.0462	0.0057				-0.49	-1.04	-2.90	
32956	-1123.3	-874.9	-2941.8	-328.2	-320.9	390.1	0.0331	0.0462	0.0057				-0.54	-1.35	-3.05	
32957	-1314.6	-804.5	-2568.3	-361.0	-562.5	392.3	0.0331	0.0462	0.0057				-0.44	-1.44	-2.81	
32958	-2656.3	-1274.5	-5009.1	-592.3	-3104.8	-461.4	0.0331	0.0462	0.0057				-0.45	-1.26	-7.24	
32959	-1071.1	-1183.9	-8020.2	126.2	-978.9	261.4	0.0331	0.0462	0.0055				-0.91	-1.20	-8.17	
32960	-769.2	-916.2	-5788.5	-41.4	1106.9	660.8	0.0331	0.0462	0.0055				-0.51	-0.86	-6.10	
32961	-1172.1	-962.5	-5421.0	63.4	-2066.9	260.2	0.0331	0.0462	0.0055				-0.33	-0.95	-6.27	
32962	-844.8	-1340.5	-8276.6	-5.0	-471.8	377.0	0.0331	0.0462	0.0055				-0.81	-1.32	-8.33	
32963	-1073.9	-945.2	-5812.3	-110.9	2820.1	439.1	0.0331	0.0462	0.0055	7.44	5.33	45.16	0.00	-1.17	-7.40	0.0
32964	-476.0	-179.6	-2083.0	-19.4	623.8	216.2	0.0331	0.0462	0.0055				-0.14	-0.28	-2.32	
32965	-5.2	12.7	111.5	-16.1	70.2	-100.3	0.0059	0.0455	0.0244	33.16	4.33	8.06	0.00	-0.21	-0.26	0.0
32981	-5.7	15.4	108.9	-15.8	74.4	-106.1	0.0069	0.0450	0.0244	29.36	4.50	8.29	0.00	-0.22	-0.27	0.0
32997	-6.7	17.3	104.5	-16.1	77.3	-109.8	0.0081	0.0444	0.0244	25.41	4.61	8.37	0.00	-0.22	-0.28	0.0
33013	-7.7	18.1	98.2	-15.5	76.7	-110.8	0.0094	0.0438	0.0244	21.44	4.59	8.23	0.00	-0.21	-0.28	0.0
33029	-21.7	52.6	22.1	-23.1	-69.0	-92.1	0.0059	0.0276	0.0244	23.21	4.92	5.57	0.00	-0.11	-0.25	0.0
33045	-21.7	53.8	-5.8	-26.8	-81.2	-97.7	0.0068	0.0272	0.0244	19.50	4.86	5.40	0.00	-0.10	-0.27	0.0
33061	-21.8	54.7	-41.6	-30.7	-97.9	-100.8	0.0079	0.0266	0.0244	15.87	4.69	5.11	0.00	-0.09	-0.30	0.0
33077	-22.0	55.5	-86.9	-34.4	-120.3	-101.5	0.0091	0.0260	0.0244	12.74	4.47	4.75	0.00	-0.07	-0.33	0.0
33093	-26.4	53.3	-153.4	-28.0	-162.2	-84.4	0.0058	0.0277	0.0244	17.92	3.75	4.25	0.00	-0.05	-0.39	0.0
33109	-26.4	54.6	-207.5	-34.5	-179.5	-91.8	0.0067	0.0273	0.0244	14.97	3.65	4.07	0.00	-0.04	-0.44	0.0
33125	-26.3	55.6	-273.9	-41.2	-201.5	-97.4	0.0077	0.0267	0.0244	12.31	3.54	3.87	0.00	-0.02	-0.51	0.0
33141	-26.2	56.9	-354.1	-48.2	-228.6	-101.8	0.0089	0.0261	0.0244	10.38	3.53	3.77	0.00	-0.01	-0.59	0.0
33157	-25.0	46.8	-303.2	-38.1	-233.0	-93.6	0.0057	0.0277	0.0244	19.37	4.00	4.54	0.00	-0.05	-0.57	0.0
33173	-23.9	49.7	-378.4	-47.9	-251.6	-105.8	0.0065	0.0273	0.0244	16.46	3.94	4.41	0.00	-0.04	-0.64	0.0
33189	-22.3	51.6	-466.7	-57.3	-274.1	-115.9	0.0075	0.0268	0.0244	14.40	4.04	4.44	0.00	-0.03	-0.73	0.0
33205	-20.6	52.4	-568.5	-66.4	-300.3	-125.9	0.0087	0.0262	0.0244	13.22	4.36	4.69	0.00	-0.04	-0.84	0.0
33221	22.7	61.1	-357.1	-54.5	-294.1	-125.6	0.0057	0.0277	0.0244	32.55	6.65	7.55	0.00	-0.09	-0.73	0.0
33237	25.6	68.2	-454.5	-69.2	-311.9	-145.3	0.0064	0.0274	0.0244	27.82	6.55	7.33	0.00	-0.07	-0.82	0.0
33253	28.7	73.0	-564.4	-82.7	-331.9	-158.9	0.0074	0.0269	0.0244	24.24	6.65	7.32	0.00	-0.07	-0.93	0.0
33269	30.8	73.0	-683.1	-93.2	-353.9	-169.9	0.0085	0.0264	0.0244	21.60	6.94	7.48	0.00	-0.08	-1.05	0.0
33285	-28.5	86.9	-216.7	-104.3	-363.0	-193.2	0.0056	0.0188	0.0244	46.99	13.99	10.78	0.00	-0.12	-0.83	0.0
33301	-20.2	100.9	-350.3	-133.4	-378.7	-230.4	0.0063	0.0185	0.0244	36.66	12.59	9.51	0.00	-0.05	-0.92	0.0
33317	-10.1	118.0	-502.0	-160.5	-394.4	-253.0	0.0072	0.0180	0.0244	31.53	12.65	9.34	0.00	-0.03	-1.04	0.0
33333	-3.4	129.7	-660.2	-183.2	-406.1	-260.1	0.0083	0.0175	0.0244	31.35	14.81	10.61	0.00	-0.11	-1.20	0.0
33349	1383.4	364.2	509.5	-114.6	865.5	-225.2	0.0169	0.0257	0.0244	115.37	75.67	79.61	0.00	-1.57	-2.01	0.0
33365	1332.0	351.5	313.8	-145.4	798.8	-282.9	0.0176	0.0254	0.0244	103.52	71.69	74.40	0.00	-1.45	-2.01	0.0
33381	1274.5	342.4	84.1	-182.8	-751.8	-329.3	0.0184	0.0249	0.0244	88.99	65.71	67.05	0.00	-1.12	-2.10	0.0
33397	1208.3	345.0	-173.4	-235.7	-783.2	-356.7	0.0194	0.0244	0.0244	80.72	64.07	64.08	0.00	-1.05	-2.26	0.0
33413	-668.6	-227.1	-2270.3	57.5	-1099.6	215.7	0.0331	0.0462	0.0055				-0.09	-0.23	-2.85	
33414	-1689.5	-1169.3	-6820.7	140.6	-3667.2	449.2	0.0331	0.0462	0.0055	6.81	4.88	41.33	0.00	-1.37	-8.98	0.0
33415	-1163.3	-1679.0	-10345.6	15.1	-454.3	387.6	0.0331	0.0462	0.0055				-1.14	-1.66	-10.39	
33416	-1549.0	-1273.3	-7405.2	-40.7	2208.8	271.2	0.0331	0.0462	0.0055				-0.80	-1.27	-8.16	
33417	-1454.2	-1445.3	-9355.1	13.1	-2354.4	843.3	0.0331	0.0462	0.0055				-0.74	-1.44	-10.08	

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
33418	-1890.0	-2145.2	-14551.6	-263.1	1011.2	-183.8	0.0331	0.0462	0.0055				-1.65	-2.30	-14.63	
33419	-6107.2	-2603.5	-9368.8	1123.1	6326.9	-1307.5	0.0331	0.0462	0.0055				-1.20	-2.36	-14.52	
33420	-3232.1	-1505.4	-4211.4	639.6	1534.0	-491.4	0.0331	0.0462	0.0057				-1.29	-2.17	-5.48	
33421	-2606.9	-1418.5	-3891.9	589.1	1500.7	-647.7	0.0331	0.0462	0.0057				-1.18	-1.66	-5.09	
33422	-1810.7	-1007.2	-2954.6	330.6	1134.1	-341.4	0.0331	0.0462	0.0057				-0.88	-1.16	-3.73	
33423	-1084.6	-614.0	-1449.7	157.9	1220.6	-395.4	0.0331	0.0462	0.0057	0.05	0.04	0.30	0.00	-0.57	-2.59	0.0
33424	-423.0	-307.6	-478.9	-70.0	457.5	-153.9	0.0331	0.0462	0.0057	2.19	1.57	12.83	0.00	-0.44	-0.99	0.0
33425	-116.5	-192.7	-254.1	-130.4	168.8	-38.8	0.0331	0.0462	0.0022	1.93	1.38	28.53	0.00	-0.31	-0.44	0.0
33426	19.7	-145.1	-155.5	-140.5	19.1	41.9	0.0331	0.0462	0.0022	3.03	2.17	44.86	0.00	-0.23	-0.35	0.0
33427	55.1	-126.6	-74.4	-122.9	-92.4	61.4	0.0331	0.0462	0.0022	5.06	3.62	74.90	0.00	-0.29	-0.36	0.0
33428	26.2	-114.3	64.5	-89.2	-133.0	34.1	0.0331	0.0462	0.0022	6.12	4.38	90.70	0.00	-0.27	-0.37	0.0
33429	-570.2	-249.8	-2085.6	47.0	-917.0	-113.4	0.0331	0.0462	0.0055				-0.09	-0.30	-2.52	
33430	-1585.1	-1092.2	-6338.7	71.0	-3311.7	256.1	0.0331	0.0462	0.0055	3.53	2.53	21.42	0.00	-1.20	-8.16	0.0
33431	-1098.8	-1613.9	-9857.6	25.6	-394.9	265.0	0.0331	0.0462	0.0055				-1.08	-1.61	-9.88	
33432	-1508.5	-1160.8	-6641.5	64.9	2461.8	125.4	0.0331	0.0462	0.0055				-0.50	-1.18	-7.63	
33433	-1076.7	-1075.3	-5953.3	61.8	-1227.6	1730.6	0.0331	0.0462	0.0055				-0.33	-1.02	-6.75	
33434	-1639.5	-1971.1	-11620.9	-314.2	-1265.5	1532.4	0.0331	0.0462	0.0055				-1.10	-2.13	-12.00	
33435	-4129.9	-3062.5	-12521.1	1014.2	3720.6	-3047.9	0.0331	0.0462	0.0055				-2.16	-2.75	-14.81	
33436	-5063.6	-2648.7	-7051.3	1824.1	4467.7	-3292.1	0.0331	0.0462	0.0057				-0.72	-1.94	-12.10	
33437	-3126.7	-1327.4	-3547.4	812.1	1853.4	-615.1	0.0331	0.0462	0.0057				-1.01	-1.55	-5.45	
33438	-1988.3	-956.5	-2725.6	375.9	1198.6	-370.1	0.0331	0.0462	0.0057				-0.83	-1.13	-3.71	
33439	-1140.4	-582.3	-1340.6	173.2	1176.2	-339.6	0.0331	0.0462	0.0057				-0.04	-0.53	-2.49	
33440	-427.6	-302.8	-446.7	-53.7	455.3	-123.3	0.0331	0.0462	0.0057	1.85	1.33	10.82	0.00	-0.40	-0.96	0.0
33441	-94.4	-196.7	-235.1	-108.7	165.5	-36.9	0.0331	0.0462	0.0022	1.90	1.36	28.16	0.00	-0.30	-0.41	0.0
33442	47.7	-149.3	-145.2	-116.4	15.9	35.0	0.0331	0.0462	0.0022	3.07	2.20	45.52	0.00	-0.23	-0.32	0.0
33443	78.0	-129.4	-72.8	-99.4	-92.2	50.9	0.0331	0.0462	0.0022	4.96	3.55	73.45	0.00	-0.28	-0.34	0.0
33444	38.7	-116.4	59.3	-69.6	-128.4	24.9	0.0331	0.0462	0.0022	5.80	4.15	85.90	0.00	-0.26	-0.34	0.0
33445	-1085.1	-980.8	-5354.5	-62.5	-678.9	-1999.7	0.0331	0.0462	0.0055				-0.16	-1.04	-6.21	
33446	-1514.8	-1224.3	-7387.8	67.6	-1813.1	-801.4	0.0331	0.0462	0.0055				-0.78	-1.36	-7.99	
33447	-1251.7	-1349.7	-9228.7	-4.4	-407.5	193.1	0.0331	0.0462	0.0055				-1.23	-1.35	-9.25	
33448	-1575.4	-1317.2	-8017.8	-58.3	1167.0	-1088.0	0.0331	0.0462	0.0055				-1.00	-1.53	-8.38	
33449	-1316.8	-1232.5	-6844.4	65.0	110.2	-2266.6	0.0331	0.0462	0.0055				-0.43	-1.32	-7.65	
33450	-1628.0	-1745.5	-10459.0	66.4	-1507.3	-1158.3	0.0331	0.0462	0.0055				-1.21	-1.77	-10.85	
33451	-2044.1	-2265.0	-15432.2	-119.2	1431.8	-408.4	0.0331	0.0462	0.0055				-1.83	-2.32	-15.60	
33452	-6978.3	-2508.7	-9761.5	1178.1	7393.3	-1471.4	0.0331	0.0462	0.0055				-0.85	-2.25	-16.15	
33453	-3534.8	-1202.9	-3273.0	601.4	2015.6	-541.8	0.0331	0.0462	0.0057				-1.05	-1.38	-5.57	
33454	-2127.3	-921.0	-2679.4	313.6	1233.3	-290.0	0.0331	0.0462	0.0057				-0.84	-1.15	-3.73	
33455	-1178.6	-572.6	-1309.6	157.7	1169.6	-287.3	0.0331	0.0462	0.0057				-0.06	-0.53	-2.47	
33456	-423.6	-304.8	-425.1	-53.3	453.6	-116.0	0.0331	0.0462	0.0057	2.05	1.47	12.00	0.00	-0.41	-0.95	0.0
33457	-70.7	-202.6	-220.2	-91.4	163.2	-35.1	0.0331	0.0462	0.0022	2.06	1.48	30.52	0.00	-0.30	-0.40	0.0
33458	72.9	-154.0	-136.2	-91.6	12.4	30.6	0.0331	0.0462	0.0022	3.18	2.28	47.12	0.00	-0.23	-0.31	0.0
33459	96.0	-131.4	-70.9	-74.8	-91.8	41.6	0.0331	0.0462	0.0022	4.88	3.49	72.27	0.00	-0.27	-0.32	0.0
33460	47.7	-116.0	55.6	-51.1	-122.4	-21.7	0.0331	0.0462	0.0022	5.30	3.80	78.58	0.00	-0.21	-0.33	0.0
33461	-1526.9	-794.3	-9003.1	82.0	-545.4	533.4	0.0331	0.0462	0.0055				-0.76	-1.49	-9.08	
33462	-1530.4	-933.5	-9287.3	118.4	-550.4	605.3	0.0331	0.0462	0.0055				-0.88	-1.50	-9.37	
33463	-1576.5	-1064.1	-9643.8	21.0	-461.8	638.1	0.0331	0.0462	0.0055				-1.02	-1.55	-9.72	
33464	-1748.8	-1110.3	-10214.3	-89.6	-372.9	584.6	0.0331	0.0462	0.0055				-1.05	-1.75	-10.27	
33465	-1880.6	-1225.5	-10911.0	-95.3	-336.4	487.7	0.0331	0.0462	0.0055				-1.18	-1.89	-10.95	
33466	-1817.4	-1604.9	-11884.7	-124.5	-114.7	392.6	0.0331	0.0462	0.0055				-1.53	-1.87	-11.90	
33467	-1970.6	-2251.9	-14557.0	-163.5	1227.4	236.2	0.0331	0.0462	0.0055				-1.81	-2.29	-14.68	
33468	-6854.8	-2477.2	-9418.6	779.0	6909.0	-893.2	0.0331	0.0462	0.0055				-1.11	-2.37	-15.27	
33469	-3598.1	-1237.4	-3451.5	457.9	1933.4	-363.6	0.0331	0.0462	0.0057				-1.15	-1.60	-5.54	
33470	-2201.7	-991.7	-2935.9	262.6	1217.8	-388.3	0.0331	0.0462	0.0057				-0.92	-1.30	-3.92	
33471	-1218.4	-616.1	-1419.6	147.5	1260.3	-330.2	0.0331	0.0462	0.0057				-0.03	-0.58	-2.64	
33472	-403.1	-321.5	-415.6	-49.2	465.8	-93.5	0.0331	0.0462	0.0022	2.47	1.77	36.59	0.00	-0.43	-0.96	0.0
33473	-41.2	-211.6	-206.2	-66.0	156.2	-24.1	0.0331	0.0462	0.0022	2.11	1.51	31.25	0.00	-0.30	-0.37	0.0
33474	93.9	-156.3	-127.9	-60.8	-13.1	27.8	0.0331	0.0462	0.0022	3.31	2.37	48.98	0.00	-0.23	-0.29	0.0
33475	108.0	-130.1	-68.4	-48.3	-90.9	32.2	0.0331	0.0462	0.0022	4.77	3.41	70.63	0.00	-0.26	-0.30	0.0
33476	52.8	-113.4	52.7	-32.9	-116.5	-30.6	0.0331	0.0462	0.0022	5.12	3.66	75.77	0.00	-0.21	-0.31	0.0
33492	-42.0	73.9	51.6	38.1	73.9	65.1	0.0094	0.0438	0.0127	16.97	3.63	12.52	0.00	-0.15	-0.24	0.0
33508	-41.3	72.2	56.3	34.9	51.0	54.3	0.0081	0.0444	0.0127	17.27	3.13	10.94	0.00	-0.13	-0.20	0.0
33524	-40.5	70.0	59.9	31.4	33.5	-51.6	0.0069	0.0450	0.0127	16.93	2.60	9.19	0.00	-0.08	-0.18	0.0
33540	-39.8	66.9	62.1	28.5	19.8	-64.7	0.0059	0.0455	0.0127	21.80	2.85	10.20	0.00	-0.11	-0.19	0.0
33556	-64.5	152.2	-344.7	86.3	316.2	84.1	0.0091	0.0260	0.0127	29.10	10.20	20.88	0.00	-0.24	-0.82	0.0
33572	-69.2	151.8	-298.7	74.0	280.1	78.4	0.0079	0.0266	0.0127	30.79	9.09	19.06	0.00	-0.21	-0.73	0.0
33588	-72.7	150.6	-261.9	62.5	249.8	70.6	0.0068	0.0272	0.0127	32.58	8.11	17.36	0.00	-0.19	-0.66	0.0
33604	-74.9	148.2	-232.8	52.1	224.8	-74.5	0.0059	0.0276	0.0127	27.80	5.90	12.83	0.00	-0.08	-0.57	0.0
33620	-85.8	151.1	-886.2	98.5	469.3	78.5	0.0089	0.0261	0.0127	29.71	10.10	20.78	0.00	-0.25	-1.37	0.0
33636	-91.1	151.5	-808.2	83.6	432.7	81.5	0.0077	0.0267	0.0127	31.81	9.15	19.25	0.00	-0.22	-1.26	0.0
33652	-95.0	150.9	-743.7	70.2	400.3	80.7	0.0067	0.0273	0.0127	34.02	8.30	17.81	0.00	-0.20	-1.16	0.0
33668	-97.5	149.4	-691.1	58.3	373.1	-87.0	0.0058	0.0277	0.0127	28.05	5.87	12.79	0.00	-0.08	-1.04	0.0
33684	-99.8	114.5	-1351.7	94.0	553.4	-119.3	0.0087	0.0262	0.0127	18.99	6.27	12.95	0.00	-0.09	-1.74	0.0
33700	-104.7	114.8	-1263.6	79.9	521.9	-111.7	0.0075	0.0268	0.0127	19.72	5.54	11.68	0.00	-0.08	-1.62	0.0
33716	-108.3	114.4	-1188.3	67.5	493.0	-108.1	0.0065	0.0273	0.0127	20.72	4.96	10.67	0.00	-0.06	-1.53	0.0
33732	-110.6	113.6	-1125.7	56.4	468.0	-107.7	0.0057	0.0277	0.0127	22.17	4.58	9.99	0.00	-0.06	-1.45	0.0
33748	-108.0	69.2	-1680.0	83.7	594.3	-170.6	0.0085	0.0264	0.0127	13.52	4.34	9.00	0.00	-0.05	-2.01	0.0
33764	-112.2	69.4	-1596.0	71.6	569.8	-154.1	0.0074	0.0269	0.0127	13.73	3.77	7.97	0.00	-0.04	-1.91	0.0
33780	-115.4	68.9	-1522.6	61.0	546.7	-141.7	0.0064	0.0274	0.0127	13.96	3.28	7.07	0.00	-0.03	-1.81	0.0
33796	-117.3	68.2	-1460.0	51.6	525.9	-132.6	0.0057	0.0277	0.0127	14.42	2.94	6.43	0.00	-0.02	-1.73	0.0
33812	-112.2	26.9	-1883.2	72.9	611.4	-217.2	0.0083	0.0175	0.0127	9.58	4.52	6.23	0.00	-0.03	-2.18	0.0
33828	-115.8	26.9	-1810.1	62.9	593.8	-193.8	0.0072	0.0180	0.0127	9.91	3.98	5.64	0.00	-0.02	-2.09	0.0
33844	-118.5	26.4	-1744.6	54.3	576.6	-174.1	0.0063	0.0185	0.0127	10.29	3.53	5.14	0.00	-0.02	-2.01	0.0
33860	-120.2	25.7	-1687.6	46.6	560.6	-157.4	0.0056	0.0188	0.0127	10.76	3.20	4.75	0.00	-0.02	-1.94	0.0
33876	-113.5	-8.8	-1993.9	63.0	615.6	-254.6	0.0081	0.0176	0.0127	9.04	4.15	5.75	0.00	-0.05	-2.28	0.0
33892	-117.1	-9.1	-1933.8	55.2	604.9	-227.0	0.0071	0.0181	0.0127	9.71	3.81	5.43	0.00	-0.06	-2.21	0.0
33908	-120.0	-9.8	-1878.6	48.5	593.8	-202.1	0.0063	0.0185	0.0127	10.35	3.50	5.09	0.00	-0.06	-2.15	0.0
33924	-121.9	-10.7	-1829.4	42.5	582.6	-179.5	0.0056	0.0189	0.0127	10.94	3.22	4.78	0.00	-0.06	-2.09	0.0
33925	50.4	-90.7	59.3	42.4	156.1	-57.0	0.0331	0.0462	0.0140	6.39	4.57	15.14	0.00	-0.24	-0.38	0.0
33926	103.6	-115.0	-51.0	56.5	118.0	18.0	0.0331	0.0462	0.0140	5.41	3.87	12.81	0.00	-0.29	-0.31	0.0
33927	119.4	-146.4	-136.7	62.5	54.3	21.4	0.0331	0.0462	0.0140	4.39	3.14	10.40	0.00	-0.29	-0.31	0.0
33928	64.8	-206.5	-256.7	52.7	-112.0	-37.2	0.0331	0.0462	0.0022	3.38	2.42	50.06	0.00	-0.33	-0.41	0.0
33929	-134.4	-337.3	-560.6	-33.8	-419.7	-139.8	0.0331	0.0462	0.0022	3.86	2.76	57.15	0.00	-0.43	-0.98	0.0
33930	-708.9	-703.1	-1929.5	-145.2	-1356.8	-490.3	0.0331	0.0462	0.0057	5.86	4.20	34.29	0.00	-0.81	-3.11	0.0
33931	-1111.5	-1059.7	-3934.4	-151.3	-690.3	-160.5	0.0331	0.0462	0.0057				-0.88	-1.12	-4.11	
33932	-1389.1	-1184.1	-4362.9	-244.8	-442.6	-117.7	0.0331	0.0462	0.0057				-1.01	-1.49	-4.43	
33933	-1526.7	-1142.4	-3808.3	-444.6	-107.7	-94.7	0.0331	0.0462	0.0057				-0.85	-1.81	-3.82	
33934	-2240.9	-1734.6	-4643.3	-1096.2	-2449.9	-2083.0	0.0331	0.0462	0.0057				-0.56	-0.88	-7.18	
33935	-2027.3	-1790.0	-7694.3	-544.8	-2086.6	-1788.8	0.0331	0.0462	0.0055				-1.27	-1.36	-8.87	
33936	-1251.5	-1147.3	-8435.4	139.4	-919.7	212.4	0.0331	0.0462	0.0055				-1.03	-1.25	-8.56	

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
33937	-1189.5	-1146.7	-8240.7	47.0	-708.5	340.5	0.0331	0.0462	0.0055				-1.11	-1.14	-8.33	
33938	-1058.5	-1325.7	-8762.1	107.1	-421.1	411.0	0.0331	0.0462	0.0055				-1.01	-1.33	-8.81	
33939	-1216.4	-1111.6	-6342.3	-97.5	2794.2	694.9	0.0331	0.0462	0.0055	1.37	0.98	8.31	0.00	-1.12	-7.69	0.0
33940	-586.3	-529.1	-2660.3	27.3	544.9	680.3	0.0331	0.0462	0.0055				-0.21	-0.59	-2.97	
33941	54.6	-88.7	58.2	36.0	144.7	-60.6	0.0331	0.0462	0.0140	6.11	4.38	14.49	0.00	-0.22	-0.36	0.0
33942	110.5	-111.5	-46.5	45.6	112.9	-14.5	0.0331	0.0462	0.0140	5.24	3.76	12.43	0.00	-0.25	-0.32	0.0
33943	127.4	-137.4	-125.1	45.1	54.3	-17.2	0.0331	0.0462	0.0140	4.37	3.13	10.35	0.00	-0.26	-0.31	0.0
33944	83.0	-190.4	-228.3	26.7	-81.3	-33.8	0.0331	0.0462	0.0022	3.23	2.31	47.85	0.00	-0.29	-0.37	0.0
33945	-98.8	-304.4	-483.8	-72.1	-365.7	-101.3	0.0331	0.0462	0.0022	3.69	2.65	54.72	0.00	-0.39	-0.86	0.0
33946	-628.0	-624.8	-1682.1	-176.6	-1188.0	-265.9	0.0331	0.0462	0.0057	4.37	3.13	25.55	0.00	-0.72	-2.65	0.0
33947	-1016.0	-966.3	-3466.0	-191.1	-668.5	200.0	0.0331	0.0462	0.0057				-0.66	-1.14	-3.64	
33948	-1307.0	-1070.6	-3988.1	-241.4	-470.6	315.3	0.0331	0.0462	0.0057				-0.83	-1.44	-4.09	
33949	-1595.1	-1026.2	-3616.3	-397.9	-263.7	210.9	0.0331	0.0462	0.0057				-0.79	-1.79	-3.66	
33950	-2828.2	-1388.4	-5605.8	-820.2	-3371.5	-858.8	0.0331	0.0462	0.0057				-0.51	-1.24	-8.07	
33951	-1251.1	-1175.7	-8579.3	135.9	-1161.1	-191.5	0.0331	0.0462	0.0055				-0.95	-1.29	-8.76	
33952	-1077.1	-1213.6	-7176.1	173.4	213.7	1244.4	0.0331	0.0462	0.0055				-0.80	-1.24	-7.43	
33953	-1186.6	-1238.3	-6942.2	91.7	-1320.3	1120.2	0.0331	0.0462	0.0055				-0.81	-1.13	-7.43	
33954	-945.8	-1348.2	-8547.5	32.0	-421.0	431.9	0.0331	0.0462	0.0055				-0.92	-1.32	-8.60	
33955	-1155.1	-1026.2	-6127.9	-139.6	2908.6	577.3	0.0331	0.0462	0.0055	5.93	4.25	35.98	0.00	-1.18	-7.72	0.0
33956	-548.8	-298.0	-2341.6	-22.2	657.9	376.0	0.0331	0.0462	0.0055				-0.18	-0.39	-2.61	
33957	-14.0	15.4	79.9	-12.0	67.6	-101.9	0.0114	0.0427	0.0244	15.29	4.10	7.16	0.00	-0.19	-0.25	0.0
33973	-10.1	16.0	90.2	-14.2	73.1	-106.7	0.0105	0.0432	0.0244	18.00	4.39	7.76	0.00	-0.20	-0.27	0.0
33989	-24.5	54.3	-174.6	-40.9	-162.8	-95.5	0.0111	0.0250	0.0244	8.84	3.92	4.01	0.00	-0.03	-0.41	0.0
34005	-23.2	54.1	-131.7	-37.7	-142.8	-98.4	0.0102	0.0255	0.0244	10.33	4.15	4.32	0.00	-0.05	-0.37	0.0
34021	-25.9	57.1	-494.1	-60.0	-274.8	-106.4	0.0108	0.0252	0.0244	9.71	4.15	4.28	0.00	-0.03	-0.75	0.0
34037	-26.3	56.4	-428.7	-54.2	-254.0	-103.7	0.0099	0.0256	0.0244	9.78	3.79	3.98	0.00	-0.02	-0.67	0.0
34053	-16.5	50.5	-735.0	-79.3	-341.4	-140.8	0.0105	0.0254	0.0244	12.31	5.07	5.26	0.00	-0.06	-1.03	0.0
34069	-19.1	51.1	-659.4	-73.8	-323.3	-133.4	0.0097	0.0257	0.0244	12.62	4.74	4.99	0.00	-0.05	-0.94	0.0
34085	32.0	64.6	-865.3	-106.6	-386.0	-189.2	0.0102	0.0255	0.0244	18.58	7.40	7.73	0.00	-0.10	-1.24	0.0
34101	33.2	68.6	-783.9	-98.2	-373.0	-178.8	0.0094	0.0259	0.0244	19.84	7.22	7.64	0.00	-0.09	-1.15	0.0
34117	14.8	116.2	-873.3	-172.9	-420.4	-255.2	0.0099	0.0167	0.0244	25.34	15.00	10.25	0.00	-0.13	-1.37	0.0
34133	-3.4	128.5	-784.8	-191.3	-411.1	-256.4	0.0092	0.0171	0.0244	29.08	15.64	10.92	0.00	-0.15	-1.31	0.0
34149	972.1	363.2	-585.7	-419.4	-694.2	-352.2	0.0209	0.0168	0.0244	63.03	78.44	54.02	0.00	-0.87	-2.34	0.0
34165	1149.5	363.3	-393.2	-298.9	-781.9	-357.8	0.0203	0.0240	0.0244	73.76	62.25	61.16	0.00	-0.99	-2.38	0.0
34181	-730.0	-343.9	-2534.0	64.6	-1117.0	368.1	0.0331	0.0462	0.0055				-0.14	-0.36	-3.11	
34182	-1736.5	-1238.7	-7149.6	184.3	-3730.0	578.9	0.0331	0.0462	0.0055	5.21	3.73	31.64	0.00	-1.37	-9.27	0.0
34183	-1280.0	-1661.1	-10596.2	-8.1	-533.1	446.8	0.0331	0.0462	0.0055				-1.25	-1.64	-10.65	
34184	-1637.7	-1643.4	-9565.8	-64.9	1085.4	1496.8	0.0331	0.0462	0.0055				-1.29	-1.58	-9.98	
34185	-1760.8	-1818.7	-11319.3	-248.7	-943.3	1634.1	0.0331	0.0462	0.0055				-1.21	-2.02	-11.67	
34186	-2142.3	-2078.4	-15343.2	-257.8	1381.4	-475.2	0.0331	0.0462	0.0055				-1.72	-2.34	-15.50	
34187	-6355.6	-2698.8	-10284.5	1538.9	6907.7	-1997.2	0.0331	0.0462	0.0057				-1.14	-2.22	-15.98	
34188	-3623.5	-1539.2	-4699.2	771.3	1772.0	-413.4	0.0331	0.0462	0.0057				-1.27	-2.44	-6.15	
34189	-2493.3	-1293.7	-4230.7	380.3	1312.9	-194.6	0.0331	0.0462	0.0057				-1.17	-1.88	-4.97	
34190	-1717.7	-986.2	-2811.8	263.2	1420.0	-810.4	0.0331	0.0462	0.0057				-0.52	-0.99	-4.01	
34191	-964.0	-579.6	-1276.6	120.2	1013.9	-739.0	0.0331	0.0462	0.0057	5.15	3.69	30.12	0.00	-0.78	-2.55	0.0
34192	-428.4	-301.7	-514.1	-98.7	458.4	-173.0	0.0331	0.0462	0.0022	2.52	1.80	37.27	0.00	-0.47	-1.02	0.0
34193	-140.9	-191.2	-272.2	-154.1	171.6	-40.4	0.0331	0.0462	0.0022	2.01	1.44	29.78	0.00	-0.33	-0.48	0.0
34194	-8.6	-145.1	-165.9	-162.1	22.8	49.4	0.0331	0.0462	0.0022	3.00	2.15	44.46	0.00	-0.24	-0.38	0.0
34195	31.3	-128.1	-76.4	-142.3	-91.9	72.0	0.0331	0.0462	0.0022	5.12	3.66	75.81	0.00	-0.30	-0.38	0.0
34196	11.5	-117.9	68.4	-105.4	-136.3	44.9	0.0331	0.0462	0.0022	6.39	4.57	94.59	0.00	-0.28	-0.39	0.0
34197	-745.4	-559.5	-2845.8	28.3	-979.1	660.0	0.0331	0.0462	0.0055				-0.18	-0.60	-3.37	
34198	-1752.8	-1307.8	-7371.4	149.1	-3593.3	682.5	0.0331	0.0462	0.0055	0.61	0.44	3.72	0.00	-1.29	-9.20	0.0
34199	-1400.4	-1619.5	-10822.8	-101.7	-544.7	399.8	0.0331	0.0462	0.0055				-1.32	-1.66	-10.87	
34200	-1681.5	-1555.3	-11393.4	-55.3	192.6	320.4	0.0331	0.0462	0.0055				-1.53	-1.69	-11.41	
34201	-1914.5	-1769.3	-13104.5	-242.6	679.4	-138.1	0.0331	0.0462	0.0055				-1.56	-2.08	-13.15	
34202	-3783.1	-3273.8	-13255.4	1124.5	3146.1	-3536.4	0.0331	0.0462	0.0055				-2.13	-2.84	-15.35	
34203	-5051.9	-3346.2	-8729.5	2152.6	4627.8	-3814.9	0.0331	0.0462	0.0057				-1.32	-2.10	-13.71	
34204	-3485.7	-1738.8	-5317.6	904.5	1877.6	-493.3	0.0331	0.0462	0.0057				-1.32	-2.56	-6.66	
34205	-2528.4	-1400.2	-4604.3	420.3	1371.6	-513.4	0.0331	0.0462	0.0057				-1.26	-1.88	-5.39	
34206	-1709.3	-914.1	-2507.7	218.5	1792.6	-686.2	0.0331	0.0462	0.0057				-0.17	-0.88	-4.09	
34207	-867.4	-489.8	-993.5	61.2	802.4	-379.8	0.0331	0.0462	0.0057				-0.02	-0.52	-1.81	
34208	-430.3	-280.1	-516.1	-110.6	425.9	-217.3	0.0331	0.0462	0.0022	2.89	2.07	42.86	0.00	-0.50	-1.01	0.0
34209	-167.7	-177.9	-287.4	-172.1	176.4	-42.4	0.0331	0.0462	0.0022	2.16	1.54	31.94	0.00	-0.34	-0.51	0.0
34210	-35.8	-138.1	-175.4	-179.8	25.7	54.3	0.0331	0.0462	0.0022	3.04	2.18	45.03	0.00	-0.25	-0.40	0.0
34211	8.5	-124.4	-78.3	-158.6	-91.3	80.9	0.0331	0.0462	0.0022	5.21	3.73	77.19	0.00	-0.31	-0.40	0.0
34212	-3.7	-118.3	71.1	-119.5	-140.3	53.9	0.0331	0.0462	0.0022	6.64	4.76	98.40	0.00	-0.29	-0.42	0.0
34228	-43.5	73.4	45.5	40.7	96.5	76.1	0.0105	0.0432	0.0127	16.90	4.12	14.01	0.00	-0.18	-0.28	0.0
34244	-44.9	73.8	36.5	42.6	115.7	84.5	0.0114	0.0427	0.0127	16.82	4.51	15.15	0.00	-0.19	-0.32	0.0
34260	-60.0	150.1	-389.5	96.3	349.3	88.7	0.0102	0.0255	0.0127	27.88	11.19	22.43	0.00	-0.26	-0.90	0.0
34276	-55.0	149.6	-432.0	105.1	376.0	91.5	0.0111	0.0250	0.0127	27.20	12.05	23.74	0.00	-0.28	-0.97	0.0
34292	-80.1	149.2	-958.1	110.6	501.4	73.9	0.0099	0.0256	0.0127	28.16	10.92	22.01	0.00	-0.26	-1.47	0.0
34308	-73.6	148.4	-1020.7	121.3	525.8	-73.5	0.0108	0.0252	0.0127	22.28	9.52	18.87	0.00	-0.16	-1.50	0.0
34324	-94.4	113.2	-1430.2	105.4	579.9	-127.2	0.0097	0.0257	0.0127	18.48	6.94	14.06	0.00	-0.11	-1.84	0.0
34340	-88.0	112.3	-1495.3	115.2	599.1	-136.2	0.0105	0.0254	0.0127	18.26	7.53	15.02	0.00	-0.12	-1.92	0.0
34356	-103.2	68.3	-1752.8	93.4	614.1	-185.3	0.0094	0.0259	0.0127	13.32	4.84	9.86	0.00	-0.06	-2.10	0.0
34372	-97.6	67.5	-1811.4	101.5	627.7	-199.0	0.0102	0.0255	0.0127	13.24	5.28	10.59	0.00	-0.07	-2.17	0.0
34388	-108.3	26.2	-1945.5	80.7	625.0	-236.5	0.0092	0.0171	0.0127	9.37	5.04	6.76	0.00	-0.03	-2.25	0.0
34404	-103.6	25.3	-1994.7	87.1	633.6	-253.0	0.0099	0.0167	0.0127	9.28	5.50	7.22	0.00	-0.04	-2.31	0.0
34420	-109.6	-9.0	-2044.1	68.9	623.3	-276.3	0.0090	0.0172	0.0127	8.55	4.46	6.03	0.00	-0.05	-2.34	0.0
34436	-105.2	-9.7	-2083.4	73.7	627.2	-293.8	0.0096	0.0168	0.0127	8.24	4.72	6.25	0.00	-0.05	-2.38	0.0
34437	-559.4	-582.4	-1449.7	-92.8	-1027.5	-681.9	0.0331	0.0462	0.0057	7.47	5.35	43.68	0.00	-0.74	-2.59	0.0
34438	-134.3	-325.9	-544.5	49.2	-394.6	-164.9	0.0331	0.0462	0.0022	4.27	3.06	63.25	0.00	-0.47	-0.95	0.0
34439	48.0	-208.0	-264.7	77.2	-116.5	-47.5	0.0331	0.0462	0.0022	3.36	2.40	49.73	0.00	-0.34	-0.42	0.0
34440	-290.7	-399.2	-753.2	24.4	-495.6	-286.1	0.0331	0.0462	0.0022	2.81	2.01	41.55	0.00	-0.49	-1.23	0.0
34441	-85.5	-264.0	-430.4	85.6	-273.7	-139.6	0.0331	0.0462	0.0022	3.62	2.59	53.59	0.00	-0.42	-0.72	0.0
34442	38.5	-193.4	-247.0	99.5	-90.4	-35.2	0.0331	0.0462	0.0022	3.09	2.21	45.77	0.00	-0.33	-0.38	0.0
34443	-176.3	-300.6	-535.0	104.8	-333.4	-115.3	0.0331	0.0462	0.0022	2.46	1.76	36.47	0.00	-0.44	-0.82	0.0
34444	-53.3	-220.6	-340.8	113.8	-160.6	-74.1	0.0331	0.0462	0.0022	2.38	1.70	35.24	0.00	-0.36	-0.49	0.0
34445	24.4	-175.2	-227.7	117.7	-53.3	-23.9	0.0331	0.0462	0.0022	2.71	1.94	40.11	0.00	-0.32	-0.33	0.0
34446	-1330.4	-1429.6	-6968.0	112.8	181.4	2705.0	0.0331	0.0462	0.0055				-0.30	-1.36	-8.07	
34447	-1495.2	-1395.5	-8363.3	118.2	1290.1	1390.1	0.0331	0.0462	0.0055				-0.84	-1.57	-8.84	
34448	-1296.4	-1276.9	-9326.5	188.0	-574.5	271.7	0.0331	0.0462	0.0055				-1.09	-1.43	-9.38	
34449	-1361.7	-1186.6	-9189.2	146.0	-841.8	-119.4	0.0331	0.0462	0.0055				-1.07	-1.39	-9.28	
34450	-1419.1	-1242.3	-9752.6	46.7	-1146.8	-371.0	0.0331	0.0462	0.0055				-1.15	-1.34	-9.92	
34451	-2720.0	-1434.3	-6398.4	-680.5	-3637.1	-398.0	0.0331	0.0462	0.0057				-0.35	-1.50	-8.70	
34452	-1440.3	-1337.6	-3511.1	-453.7	-745.1	-480.1	0.0331	0.0462	0.0057				-0.92	-1.48	-3.89	
34453	-1401.0	-1274.8	-4044.0	-344.5	-225.3	-149.9	0.0331	0.0462	0.0057				-0.99	-1.66	-4.07	
34454	-1276.0	-1182.4	-4211.6	-191.8	-456.1	-306.4	0.0331	0.0462	0.0057				-1.03	-1.32	-4.32	
34455	-1017.6	-956.8	-3148.4	-121.4	-1038.2	-674.2	0.0331	0.0462	0.0057				-0.52	-0.87	-3.73	

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
34456	-1992.2	-1190.8	-11893.9	102.2	-489.2	-306.9	0.0331	0.0462	0.0055				-1.17	-1.99	-11.93	
34457	-1816.5	-1240.8	-11402.0	168.9	-569.2	-366.6	0.0331	0.0462	0.0055				-1.17	-1.84	-11.45	
34458	-1636.0	-1381.6	-11266.2	149.4	-842.3	-537.6	0.0331	0.0462	0.0055				-1.24	-1.68	-11.37	
34459	-2148.1	-2141.9	-8778.2	-647.2	-2735.8	-1782.0	0.0331	0.0462	0.0055				-1.16	-1.70	-10.21	
34460	-1672.3	-2851.6	-6586.0	-826.5	-1313.4	-3585.1	0.0331	0.0462	0.0057				-0.68	-1.35	-9.09	
34461	-2166.1	-2063.0	-4936.6	-991.7	-2152.6	-1801.0	0.0331	0.0462	0.0057				-0.99	-1.20	-6.97	
34462	-1425.2	-1231.0	-3914.0	-269.5	-358.4	-168.0	0.0331	0.0462	0.0057				-1.04	-1.55	-3.98	
34463	-1250.1	-1201.4	-4013.0	-158.7	-413.3	-362.0	0.0331	0.0462	0.0057				-1.07	-1.28	-4.12	
34464	-1096.9	-1072.9	-3795.9	-109.2	-547.8	-396.9	0.0331	0.0462	0.0057				-0.97	-1.04	-3.96	
34465	-809.3	-713.3	-2015.5	-53.9	-1333.9	-255.7	0.0331	0.0462	0.0057	1.90	1.36	11.14	0.00	-0.76	-2.97	0.0
34466	-2139.1	-4224.7	-8571.1	403.8	-373.3	-4272.5	0.0331	0.0462	0.0057				-1.27	-2.47	-11.19	
34467	-2026.7	-4074.5	-8351.0	-241.0	-549.7	-4131.1	0.0331	0.0462	0.0057				-1.55	-2.00	-10.90	
34468	-1907.3	-3955.7	-8188.7	-548.7	-942.0	-4137.4	0.0331	0.0462	0.0057				-1.42	-1.78	-10.85	
34469	-2069.1	-2727.4	-5747.4	-926.1	-2507.4	-2221.0	0.0331	0.0462	0.0057				-0.77	-1.68	-8.09	
34470	-1246.3	-1494.7	-3388.0	-222.0	-771.0	-303.8	0.0331	0.0462	0.0057				-0.97	-1.47	-3.69	
34471	-1127.8	-1420.4	-3635.4	-209.5	-80.2	-426.4	0.0331	0.0462	0.0057				-1.01	-1.45	-3.72	
34472	-1277.1	-1245.3	-3825.7	-165.6	-503.1	-514.2	0.0331	0.0462	0.0057				-1.09	-1.23	-4.02	
34473	-1101.6	-1037.3	-3605.0	-42.0	-458.4	-400.2	0.0331	0.0462	0.0057				-0.96	-1.03	-3.75	
34474	-900.5	-817.5	-2602.2	-36.0	-962.8	-675.2	0.0331	0.0462	0.0057				-0.30	-0.81	-3.20	
34475	-526.2	-510.4	-1167.5	39.9	-903.3	-553.0	0.0331	0.0462	0.0022	8.64	6.19	128.06	0.00	-0.84	-2.23	0.0
34476	-1359.8	-1978.1	-3808.4	318.9	-130.6	-1579.6	0.0331	0.0462	0.0057				-0.84	-1.58	-4.72	
34477	-1295.2	-1913.3	-3765.6	250.6	-214.6	-1520.6	0.0331	0.0462	0.0057				-0.83	-1.52	-4.62	
34478	-1239.4	-1773.5	-3620.7	147.9	-391.6	-1302.9	0.0331	0.0462	0.0057				-0.84	-1.47	-4.32	
34479	-1203.1	-1546.4	-3635.0	-77.6	-318.1	-1011.1	0.0331	0.0462	0.0057				-1.10	-1.20	-4.08	
34480	-1229.3	-1297.3	-3633.0	-60.3	-379.5	-669.3	0.0331	0.0462	0.0057				-1.10	-1.19	-3.87	
34481	-1095.5	-1099.1	-3445.9	104.5	-279.8	-407.0	0.0331	0.0462	0.0057				-0.90	-1.20	-3.54	
34482	-1033.6	-973.5	-3327.1	95.7	-342.0	-378.5	0.0331	0.0462	0.0057				-0.80	-1.10	-3.43	
34483	-913.9	-771.2	-2451.2	55.3	-848.7	-642.6	0.0331	0.0462	0.0057				-0.28	-0.89	-2.98	
34484	-593.8	-484.8	-1167.5	72.1	-824.8	-548.0	0.0331	0.0462	0.0022	6.65	4.76	98.55	0.00	-0.81	-2.10	0.0
34485	-274.0	-285.3	-603.6	135.3	-297.1	-162.3	0.0331	0.0462	0.0022	0.89	0.63	13.12	0.00	-0.43	-0.82	0.0
34486	-933.4	-822.4	-1732.5	221.2	-49.5	-1131.2	0.0331	0.0462	0.0057				-0.01	-0.98	-2.50	
34487	-873.3	-816.4	-1714.2	230.1	-101.2	-1105.7	0.0331	0.0462	0.0057				0.00	-0.94	-2.46	
34488	-826.5	-802.9	-1721.2	225.3	-122.1	-1077.2	0.0331	0.0462	0.0057				-0.01	-0.91	-2.43	
34489	-829.3	-776.7	-1768.1	211.9	-97.9	-1036.8	0.0331	0.0462	0.0057				-0.05	-0.90	-2.42	
34490	-887.7	-790.3	-2457.7	210.4	250.5	-735.3	0.0331	0.0462	0.0057				-0.48	-0.87	-2.79	
34491	-975.0	-783.7	-2977.5	204.6	-157.0	-349.2	0.0331	0.0462	0.0057				-0.59	-1.10	-3.04	
34492	-880.4	-650.6	-2205.5	152.8	-659.6	-513.0	0.0331	0.0462	0.0057				-0.25	-0.91	-2.57	
34493	-629.7	-402.5	-1056.5	134.2	-684.3	-425.7	0.0331	0.0462	0.0022	4.08	2.92	60.49	0.00	-0.74	-1.76	0.0
34494	-350.2	-229.7	-571.1	172.0	-212.5	-107.9	0.0331	0.0462	0.0022				-0.02	-0.43	-0.70	
34495	-197.3	-175.0	-342.4	172.4	-116.4	-54.6	0.0331	0.0462	0.0022	0.78	0.56	11.62	0.00	-0.35	-0.44	0.0
34496	-590.5	-108.6	-338.3	113.6	92.8	8.6	0.0331	0.0462	0.0022				-0.08	-0.32	-0.64	
34497	-541.8	-120.3	-341.3	151.5	110.0	-18.9	0.0331	0.0462	0.0022				-0.07	-0.30	-0.63	
34498	-498.9	-135.8	-360.5	183.5	133.5	-42.8	0.0331	0.0462	0.0022				-0.06	-0.29	-0.64	
34499	-481.7	-163.0	-440.9	218.6	195.6	-71.9	0.0331	0.0462	0.0022				-0.05	-0.30	-0.74	
34500	-569.3	-316.1	-907.3	221.9	391.2	-377.2	0.0331	0.0462	0.0057				-0.13	-0.31	-1.35	
34501	-717.3	-444.2	-1277.6	194.9	-62.5	-600.5	0.0331	0.0462	0.0057				-0.07	-0.78	-1.59	
34502	-650.9	-295.2	-881.7	195.6	-402.6	-227.7	0.0331	0.0462	0.0022				-0.02	-0.61	-1.19	
34503	-415.8	-147.5	-437.3	199.3	-64.4	30.0	0.0331	0.0462	0.0022				-0.04	-0.40	-0.56	
34504	-278.7	-126.7	-216.0	182.7	36.6	24.6	0.0331	0.0462	0.0022	0.08	0.06	1.24	0.00	-0.22	-0.40	0.0
34505	-176.3	-116.6	-99.5	169.1	122.1	46.9	0.0331	0.0462	0.0022	2.90	2.07	42.90	0.00	-0.25	-0.43	0.0
34506	43.9	-94.3	62.5	51.2	167.5	-52.1	0.0331	0.0462	0.0140	6.68	4.78	15.83	0.00	-0.25	-0.40	0.0
34507	31.5	-99.3	66.5	63.7	178.6	-46.5	0.0331	0.0462	0.0140	6.91	4.95	16.38	0.00	-0.26	-0.42	0.0
34508	11.9	-104.8	67.6	79.2	188.7	-38.0	0.0331	0.0462	0.0140	7.02	5.02	16.63	0.00	-0.27	-0.45	0.0
34509	92.3	-119.1	-53.3	69.9	121.3	24.1	0.0331	0.0462	0.0140	5.40	3.87	12.80	0.00	-0.29	-0.32	0.0
34510	72.2	-122.1	-52.7	84.5	124.0	26.6	0.0331	0.0462	0.0140	5.25	3.76	12.44	0.00	-0.29	-0.33	0.0
34511	44.3	-123.6	-51.7	99.6	127.8	27.1	0.0331	0.0462	0.0022	5.01	3.59	74.28	0.00	-0.28	-0.35	0.0
34512	104.1	-150.5	-144.9	80.7	51.2	23.7	0.0331	0.0462	0.0140	4.19	3.00	9.92	0.00	-0.29	-0.32	0.0
34513	82.5	-149.8	-144.4	96.2	54.0	28.3	0.0331	0.0462	0.0022	3.94	2.82	58.40	0.00	-0.29	-0.32	0.0
34514	52.9	-146.9	-139.7	110.7	56.9	28.6	0.0331	0.0462	0.0022	3.56	2.55	52.72	0.00	-0.27	-0.31	0.0
34515	-104.4	-116.0	-22.3	148.8	156.2	32.6	0.0331	0.0462	0.0022	4.65	3.33	68.85	0.00	-0.26	-0.45	0.0
34516	-92.7	-148.9	-216.1	161.9	26.4	23.6	0.0331	0.0462	0.0022	1.46	1.04	21.62	0.00	-0.27	-0.33	0.0
34517	-121.9	-213.6	-370.1	148.1	-182.8	-79.0	0.0331	0.0462	0.0022	2.21	1.59	32.80	0.00	-0.39	-0.54	0.0
34518	-52.4	-116.4	22.3	125.4	180.5	18.9	0.0331	0.0462	0.0022	6.01	4.31	89.07	0.00	-0.29	-0.46	0.0
34519	-28.3	-138.9	-136.0	142.2	73.9	32.7	0.0331	0.0462	0.0022	2.91	2.08	43.10	0.00	-0.26	-0.34	0.0
34520	-31.2	-179.7	-253.7	138.4	-58.6	-15.1	0.0331	0.0462	0.0022	1.88	1.35	27.89	0.00	-0.31	-0.34	0.0
34521	-15.6	-112.3	55.7	101.0	188.9	-26.2	0.0331	0.0462	0.0022	6.61	4.73	97.89	0.00	-0.27	-0.46	0.0
34522	12.0	-130.0	-75.9	119.3	113.7	31.9	0.0331	0.0462	0.0022	4.26	3.05	63.14	0.00	-0.27	-0.35	0.0
34523	18.3	-155.9	-171.9	123.9	37.0	21.9	0.0331	0.0462	0.0022	2.71	1.94	40.14	0.00	-0.27	-0.31	0.0
34532	-345.0	-33.3	-597.0	-113.6	-399.5	-217.4	0.0291	0.0406	0.0127	1.51	1.08	3.46	0.00	-0.11	-1.00	0.0
34583	53.8	-323.8	-1111.0	-38.6	88.2	-754.8	0.0388	0.0358	0.0127	4.71	5.11	14.38	0.00	-0.18	-1.75	0.0
34584	36.5	-304.5	-1106.8	-63.0	59.4	-738.7	0.0386	0.0358	0.0127	4.75	5.12	14.44	0.00	-0.20	-1.73	0.0
34585	13.8	-278.2	-1131.4	-83.1	46.3	-720.9	0.0383	0.0360	0.0127	4.84	5.16	14.60	0.00	-0.22	-1.73	0.0
34586	-3.8	-246.1	-1222.8	-94.8	44.7	-714.7	0.0379	0.0362	0.0127	4.97	5.20	14.81	0.00	-0.25	-1.79	0.0
34587	70.3	-151.3	-1295.6	-97.9	-127.3	-676.2	0.0373	0.0365	0.0127	4.72	4.82	13.84	0.00	-0.10	-1.80	0.0
34588	139.8	-34.0	-1266.1	-146.0	-253.3	-576.3	0.0366	0.0369	0.0161	6.39	6.34	14.49	0.00	-0.08	-1.78	0.0
34589	35.4	-32.4	-1144.5	-176.1	-367.5	-470.5	0.0358	0.0373	0.0127	5.08	4.87	14.29	0.00	-0.08	-1.61	0.0
34590	-81.5	-45.8	-891.4	-146.9	-440.6	-346.1	0.0348	0.0377	0.0127	3.23	2.98	8.86	0.00	-0.04	-1.32	0.0
34591	-102.0	-11.9	-619.3	-109.3	-373.2	-234.3	0.0338	0.0383	0.0127	2.88	2.54	7.66	0.00	-0.04	-0.99	0.0
34592	-96.7	7.4	-402.7	-78.8	-296.1	-164.2	0.0327	0.0388	0.0127	2.83	2.38	7.28	0.00	-0.04	-0.73	0.0
34593	-16.5	15.7	67.8	-10.6	57.3	-95.6	0.0125	0.0422	0.0244	12.57	3.71	6.41	0.00	-0.17	-0.23	0.0
34594	-20.0	17.1	51.4	-10.1	41.1	-88.4	0.0136	0.0416	0.0244	9.84	3.21	5.48	0.00	-0.15	-0.20	0.0
34595	-24.1	19.8	26.1	-10.8	-45.9	-80.5	0.0148	0.0411	0.0244	7.37	2.65	4.45	0.00	-0.11	-0.19	0.0
34601	-248.4	-5.4	-400.3	-74.6	-268.7	-165.7	0.0152	0.0409	0.0244	3.82	1.42	2.37	0.00	-0.12	-0.71	0.0
34602	-79.2	21.3	-241.4	-51.4	-217.8	-116.9	0.0316	0.0394	0.0127	2.82	2.26	7.01	0.00	-0.05	-0.52	0.0
34605	-60.2	24.4	-122.8	-30.5	-150.4	-91.3	0.0305	0.0399	0.0127	2.95	2.25	7.08	0.00	-0.07	-0.36	0.0
34608	-38.4	23.3	-28.8	-16.1	-91.6	-79.4	0.0159	0.0405	0.0244	6.14	2.41	4.00	0.00	-0.09	-0.25	0.0
34610	-268.0	-10.3	-471.6	-91.0	-314.1	-189.2	0.0293	0.0405	0.0127	2.05	1.48	4.73	0.00	-0.11	-0.82	0.0
34619	-206.6	47.5	-903.4	-128.6	-574.9	-312.4	0.0287	0.0229	0.0127	5.73	7.17	12.94	0.00	-0.08	-1.47	0.0
34670	314.9	-225.5	-2017.0	-52.8	-59.9	-897.4	0.0388	0.0179	0.0127	8.27	17.94	25.24	0.00	-0.18	-2.71	0.0
34671	290.4	-207.9	-1982.7	-93.0	-128.1	-866.0	0.0386	0.0180	0.0127	7.97	17.15	24.24	0.00	-0.17	-2.65	0.0
34672	270.0	-182.9	-1952.3	-128.6	-191.9	-821.9	0.0383	0.0181	0.0127	7.95	16.81	23.97	0.00	-0.18	-2.60	0.0
34673	260.4	-147.4	-1908.3	-162.6	-268.5	-761.1	0.0379	0.0184	0.0127	8.38	17.28	24.97	0.00	-0.20	-2.55	0.0
34674	228.3	-117.9	-1834.4	-197.3	-346.2	-679.7	0.0372	0.0187	0.0127	8.56	17.09	25.09	0.00	-0.23	-2.45	0.0
34675	177.3	-93.5	-1723.7	-207.9	-413.2	-588.2	0.0365	0.0190	0.0127	8.13	15.59	23.36	0.00	-0.22	-2.31	0.0
34676	145.6	-43.8	-1571.1	-203.8	-464.6	-492.9	0.0356	0.0195	0.0127	8.23	15.06	23.07	0.00	-0.21	-2.14	0.0
34677	100.7	0.4	-1392.3	-196.3	-492.4	-398.1	0.0347	0.0200	0.0127	8.07	14.01	22.00	0.00	-0.19	-1.94	0.0
34678	44.7	23.1	-1189.8	-176.7	-497.2	-308.2	0.0336	0.0205	0.0127	7.37	12.09	19.49	0.00	-0.17	-1.70	0.0
34679	9.1	43.0	-981.8	-149.4	-464.9	-228.9	0.0325	0.0210	0.0127	6.69	10.33	17.11	0.00	-0.14	-1.44	0.0
34680	-23.9	55.1	-229.3	-45.7	-186.5	-93.3	0.0121	0.0245	0.0244	7.59	3.75	3.76	0.00	-0.02	-0.46	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
34681	-22.8	56.6	-298.4	-51.6	-216.6	-90.1	0.0133	0.0240	0.0244	7.26	4.02	3.94	0.00	-0.02	-0.54	0.0
34682	-21.1	59.1	-382.1	-60.3	-252.7	-88.1	0.0144	0.0234	0.0244	7.89	4.87	4.66	0.00	-0.04	-0.64	0.0
34688	-159.4	51.4	-710.3	-106.9	-475.5	-251.9	0.0148	0.0232	0.0244	10.05	6.42	6.09	0.00	-0.06	-1.20	0.0
34689	-11.7	54.9	-795.0	-121.8	-415.9	-168.8	0.0313	0.0216	0.0127	6.01	8.72	14.83	0.00	-0.12	-1.20	0.0
34692	-20.9	60.6	-633.7	-96.7	-361.2	-126.3	0.0302	0.0222	0.0127	5.37	7.30	12.75	0.00	-0.09	-0.99	0.0
34695	-21.6	62.1	-492.2	-75.3	-303.6	-97.5	0.0156	0.0228	0.0244	8.85	6.05	5.64	0.00	-0.07	-0.80	0.0
34697	-156.9	50.1	-796.6	-122.3	-509.6	-277.0	0.0156	0.0228	0.0244	9.71	6.65	6.20	0.00	-0.05	-1.31	0.0
34706	-92.7	40.6	-1119.5	-144.6	-614.6	-328.5	0.0150	0.0231	0.0244	13.08	8.47	8.01	0.00	-0.07	-1.69	0.0
34757	355.5	-216.0	-2527.7	-48.8	-86.6	-876.9	0.0388	0.0179	0.0127	9.27	20.11	28.30	0.00	-0.28	-3.19	0.0
34758	334.2	-201.1	-2469.6	-91.1	-175.1	-846.3	0.0386	0.0180	0.0127	9.06	19.48	27.54	0.00	-0.27	-3.11	0.0
34759	310.1	-179.1	-2395.9	-128.4	-259.0	-801.6	0.0383	0.0181	0.0127	8.98	18.98	27.08	0.00	-0.27	-3.03	0.0
34760	278.7	-152.3	-2304.4	-159.7	-336.1	-743.8	0.0378	0.0184	0.0127	8.90	18.32	26.49	0.00	-0.27	-2.92	0.0
34761	243.8	-119.5	-2193.3	-181.6	-404.1	-676.7	0.0372	0.0187	0.0127	8.84	17.58	25.86	0.00	-0.26	-2.79	0.0
34762	205.0	-82.4	-2061.7	-197.3	-461.5	-601.3	0.0364	0.0191	0.0127	8.80	16.79	25.21	0.00	-0.25	-2.65	0.0
34763	157.1	-50.6	-1911.5	-203.7	-502.3	-519.4	0.0355	0.0195	0.0127	8.53	15.51	23.83	0.00	-0.24	-2.47	0.0
34764	112.2	-20.7	-1746.1	-198.2	-523.4	-436.9	0.0345	0.0200	0.0127	8.18	14.09	22.21	0.00	-0.22	-2.28	0.0
34765	73.6	7.7	-1572.7	-184.5	-525.1	-358.8	0.0334	0.0206	0.0127	7.79	12.67	20.50	0.00	-0.20	-2.07	0.0
34766	39.2	28.6	-1397.3	-165.3	-509.8	-287.8	0.0323	0.0211	0.0127	7.28	11.11	18.49	0.00	-0.18	-1.86	0.0
34767	-25.1	58.0	-577.3	-67.2	-298.4	-111.6	0.0118	0.0247	0.0244	9.65	4.59	4.64	0.00	-0.04	-0.84	0.0
34768	-22.6	58.5	-680.1	-75.4	-327.2	-118.0	0.0129	0.0241	0.0244	9.71	5.20	5.13	0.00	-0.06	-0.96	0.0
34769	-18.2	58.9	-794.7	-86.0	-359.3	-127.4	0.0141	0.0235	0.0244	10.00	5.99	5.77	0.00	-0.08	-1.10	0.0
34775	-78.0	42.9	-978.5	-129.0	-540.0	-271.1	0.0145	0.0233	0.0244	12.09	7.49	7.16	0.00	-0.06	-1.47	0.0
34776	14.1	44.0	-1228.9	-143.2	-480.7	-229.4	0.0311	0.0217	0.0127	6.73	9.62	16.46	0.00	-0.15	-1.65	0.0
34779	-2.9	53.2	-1072.1	-121.9	-443.8	-183.3	0.0165	0.0223	0.0127	11.21	8.28	14.55	0.00	-0.12	-1.45	0.0
34782	-12.3	58.8	-924.9	-102.0	-400.6	-147.5	0.0153	0.0229	0.0127	10.62	7.08	12.78	0.00	-0.10	-1.26	0.0
34784	-70.4	39.4	-1067.5	-141.6	-561.8	-294.0	0.0153	0.0229	0.0244	11.99	7.98	7.50	0.00	-0.07	-1.58	0.0
34793	-3.1	18.0	-1282.7	-155.1	-600.3	-330.7	0.0146	0.0233	0.0244	16.27	10.23	9.74	0.00	-0.14	-1.84	0.0
34844	321.2	-195.7	-2724.4	-41.4	-94.5	-836.5	0.0388	0.0179	0.0127	8.38	18.17	25.57	0.00	-0.27	-3.30	0.0
34845	304.2	-183.1	-2659.2	-78.8	-183.1	-809.5	0.0386	0.0180	0.0127	8.24	17.72	25.05	0.00	-0.26	-3.23	0.0
34846	280.9	-164.7	-2577.6	-111.4	-264.4	-770.6	0.0383	0.0181	0.0127	8.13	17.16	24.50	0.00	-0.26	-3.14	0.0
34847	253.2	-141.9	-2480.2	-138.1	-337.2	-721.8	0.0378	0.0184	0.0127	8.05	16.52	23.92	0.00	-0.25	-3.03	0.0
34848	221.1	-116.4	-2367.8	-158.9	-400.1	-664.6	0.0371	0.0187	0.0127	7.96	15.78	23.25	0.00	-0.24	-2.91	0.0
34849	186.0	-89.8	-2241.6	-172.2	-450.5	-601.2	0.0363	0.0191	0.0127	7.83	14.88	22.39	0.00	-0.23	-2.77	0.0
34850	150.7	-62.3	-2103.7	-178.1	-487.2	-534.9	0.0354	0.0196	0.0127	7.70	13.91	21.44	0.00	-0.22	-2.61	0.0
34851	115.5	-36.5	-1957.2	-177.5	-509.7	-468.2	0.0344	0.0201	0.0127	7.50	12.82	20.28	0.00	-0.20	-2.45	0.0
34852	82.8	-13.9	-1805.1	-170.9	-517.3	-403.6	0.0332	0.0207	0.0127	7.24	11.65	18.94	0.00	-0.19	-2.27	0.0
34853	55.1	5.7	-1651.0	-159.5	-511.0	-343.3	0.0321	0.0213	0.0127	6.94	10.48	17.52	0.00	-0.17	-2.09	0.0
34854	-12.5	49.0	-831.4	-85.6	-361.9	-152.0	0.0114	0.0249	0.0244	11.89	5.47	5.56	0.00	-0.07	-1.13	0.0
34855	-8.3	46.8	-950.5	-93.1	-386.0	-166.4	0.0126	0.0243	0.0244	11.45	5.94	5.90	0.00	-0.08	-1.26	0.0
34856	-4.2	43.9	-1078.1	-101.8	-411.1	-184.3	0.0138	0.0237	0.0244	11.09	6.46	6.26	0.00	-0.09	-1.40	0.0
34862	-9.1	22.7	-1179.6	-142.5	-545.6	-285.8	0.0141	0.0235	0.0244	14.98	9.02	8.67	0.00	-0.13	-1.67	0.0
34863	32.9	21.3	-1500.7	-145.1	-494.4	-291.6	0.0174	0.0219	0.0127	11.69	9.33	16.05	0.00	-0.15	-1.91	0.0
34866	16.1	32.4	-1355.6	-130.1	-470.9	-247.6	0.0162	0.0225	0.0127	11.46	8.28	14.64	0.00	-0.13	-1.74	0.0
34869	4.4	40.6	-1213.2	-115.0	-441.3	-210.7	0.0150	0.0231	0.0127	11.25	7.32	13.29	0.00	-0.11	-1.56	0.0
34871	-1.2	18.0	-1269.4	-151.1	-558.9	-307.1	0.0150	0.0231	0.0244	14.57	9.44	8.92	0.00	-0.13	-1.77	0.0
34880	85.8	1.0	-1387.6	-171.0	-566.2	-337.9	0.0143	0.0234	0.0244	20.35	12.44	11.92	0.00	-0.22	-1.96	0.0
34931	269.0	-179.2	-2750.5	-35.5	-94.3	-793.2	0.0388	0.0179	0.0127	7.02	15.23	21.44	0.00	-0.23	-3.25	0.0
34932	257.5	-168.9	-2687.3	-67.0	-174.6	-769.7	0.0386	0.0180	0.0127	6.99	15.01	21.23	0.00	-0.22	-3.18	0.0
34933	240.3	-153.9	-2609.4	-94.8	-248.5	-736.4	0.0383	0.0182	0.0127	6.95	14.65	20.93	0.00	-0.22	-3.10	0.0
34934	218.7	-135.6	-2518.1	-118.0	-314.6	-695.1	0.0377	0.0184	0.0127	6.92	14.19	20.56	0.00	-0.21	-3.01	0.0
34935	194.1	-115.1	-2414.9	-136.0	-371.1	-647.6	0.0371	0.0188	0.0127	6.90	13.63	20.11	0.00	-0.21	-2.90	0.0
34936	168.1	-93.7	-2301.6	-148.8	-417.0	-596.1	0.0362	0.0192	0.0127	6.88	13.00	19.61	0.00	-0.20	-2.77	0.0
34937	141.6	-72.4	-2180.0	-156.5	-451.7	-542.6	0.0353	0.0196	0.0127	6.85	12.31	19.02	0.00	-0.19	-2.64	0.0
34938	116.1	-51.7	-2052.2	-159.5	-474.9	-488.8	0.0342	0.0202	0.0127	6.82	11.57	18.36	0.00	-0.19	-2.50	0.0
34939	92.7	-32.2	-1920.1	-158.3	-486.9	-436.6	0.0331	0.0207	0.0127	6.78	10.81	17.64	0.00	-0.17	-2.36	0.0
34940	72.0	-14.3	-1785.1	-153.7	-488.6	-387.3	0.0319	0.0214	0.0127	6.72	10.03	16.85	0.00	-0.16	-2.21	0.0
34941	22.6	58.4	-970.6	-114.0	-399.1	-203.5	0.0111	0.0250	0.0244	16.39	7.29	7.46	0.00	-0.10	-1.34	0.0
34942	18.3	47.5	-1100.7	-115.4	-416.2	-221.1	0.0123	0.0244	0.0244	14.23	7.17	7.16	0.00	-0.10	-1.46	0.0
34943	24.8	37.3	-1236.6	-121.1	-433.4	-242.7	0.0135	0.0238	0.0244	13.27	7.52	7.34	0.00	-0.11	-1.60	0.0
34949	65.8	9.6	-1304.8	-161.2	-529.4	-307.3	0.0138	0.0237	0.0244	18.92	11.07	10.71	0.00	-0.19	-1.82	0.0
34950	55.0	1.9	-1650.0	-146.4	-482.0	-343.8	0.0172	0.0220	0.0127	11.83	9.28	16.04	0.00	-0.15	-2.05	0.0
34953	41.5	15.4	-1514.9	-138.1	-469.5	-305.1	0.0160	0.0226	0.0127	12.15	8.60	15.28	0.00	-0.14	-1.90	0.0
34956	31.5	28.0	-1376.1	-129.0	-452.0	-270.7	0.0147	0.0232	0.0127	12.58	7.99	14.60	0.00	-0.12	-1.75	0.0
34958	69.1	3.1	-1395.2	-165.0	-534.8	-326.1	0.0147	0.0232	0.0244	17.74	11.20	10.65	0.00	-0.19	-1.91	0.0
34967	193.1	-2.5	-1449.1	-206.7	-528.4	-352.1	0.0140	0.0146	0.0244	27.16	26.01	15.58	0.00	-0.32	-2.08	0.0
35018	220.8	-167.7	-2691.9	-31.7	-92.4	-757.8	0.0388	0.0089	0.0127	5.77	25.04	17.63	0.00	-0.18	-3.13	0.0
35019	214.8	-159.2	-2633.5	-58.3	-163.0	-737.1	0.0386	0.0090	0.0127	5.84	24.94	17.74	0.00	-0.18	-3.07	0.0
35020	203.9	-147.0	-2562.8	-82.4	-228.7	-708.7	0.0382	0.0092	0.0127	5.90	24.47	17.76	0.00	-0.18	-3.00	0.0
35021	189.5	-132.1	-2481.0	-103.1	-287.7	-673.9	0.0377	0.0095	0.0127	5.97	23.73	17.73	0.00	-0.18	-2.92	0.0
35022	172.7	-115.5	-2389.7	-119.9	-338.8	-634.5	0.0370	0.0098	0.0127	6.06	22.78	17.65	0.00	-0.18	-2.83	0.0
35023	154.9	-98.0	-2290.3	-133.0	-381.1	-592.2	0.0362	0.0103	0.0127	6.17	21.72	17.55	0.00	-0.18	-2.72	0.0
35024	137.1	-80.0	-2184.5	-142.6	-414.1	-548.4	0.0352	0.0108	0.0127	6.30	20.59	17.43	0.00	-0.18	-2.62	0.0
35025	120.0	-62.1	-2073.6	-149.0	-437.9	-504.6	0.0341	0.0113	0.0127	6.45	19.45	17.30	0.00	-0.17	-2.50	0.0
35026	104.5	-44.0	-1958.6	-152.6	-452.9	-462.1	0.0329	0.0119	0.0127	6.63	18.35	17.16	0.00	-0.17	-2.38	0.0
35027	91.4	-25.8	-1839.4	-153.9	-459.8	-421.7	0.0317	0.0125	0.0127	6.85	17.34	17.07	0.00	-0.17	-2.26	0.0
35028	64.7	97.1	-987.6	-158.3	-435.1	-261.2	0.0108	0.0162	0.0244	23.89	15.94	10.59	0.00	-0.13	-1.47	0.0
35029	93.2	77.0	-1140.3	-165.7	-440.5	-276.2	0.0120	0.0156	0.0244	22.85	17.57	11.24	0.00	-0.17	-1.63	0.0
35030	73.2	52.1	-1300.5	-155.4	-440.9	-297.4	0.0132	0.0150	0.0244	17.96	15.84	9.74	0.00	-0.15	-1.74	0.0
35036	167.8	12.8	-1374.4	-201.9	-506.1	-334.9	0.0135	0.0149	0.0244	26.20	23.86	14.52	0.00	-0.29	-1.97	0.0
35037	80.9	-6.8	-1717.1	-153.5	-460.1	-385.8	0.0170	0.0131	0.0127	12.73	16.47	17.03	0.00	-0.16	-2.13	0.0
35040	73.5	11.4	-1589.4	-152.8	-455.8	-353.2	0.0158	0.0138	0.0127	13.84	15.83	17.15	0.00	-0.15	-2.00	0.0
35043	69.3	31.3	-1450.4	-152.2	-448.3	-323.5	0.0145	0.0144	0.0127	15.37	15.46	17.52	0.00	-0.15	-1.87	0.0
35045	152.7	2.9	-1464.8	-197.1	-504.6	-349.6	0.0144	0.0145	0.0244	23.07	22.97	13.58	0.00	-0.27	-2.03	0.0
35054	323.0	7.0	-1488.1	-266.5	-487.3	-364.5	0.0137	0.0148	0.0244	37.39	34.74	21.01	0.00	-0.47	-2.23	0.0
35105	178.5	-161.6	-2604.3	-29.8	-91.7	-736.1	0.0388	0.0089	0.0127	4.68	20.31	14.30	0.00	-0.14	-2.99	0.0
35106	177.1	-154.3	-2551.4	-52.7	-153.6	-717.5	0.0386	0.0090	0.0127	4.84	20.65	14.69	0.00	-0.14	-2.95	0.0
35107	172.0	-144.0	-2488.3	-73.9	-212.0	-692.5	0.0382	0.0092	0.0127	5.00	20.70	15.04	0.00	-0.15	-2.89	0.0
35108	164.1	-131.4	-2416.1	-92.7	-265.3	-662.5	0.0377	0.0095	0.0127	5.18	20.51	15.35	0.00	-0.15	-2.82	0.0
35109	154.4	-117.1	-2336.1	-109.0	-312.0	-628.7	0.0369	0.0099	0.0127	5.39	20.16	15.66	0.00	-0.15	-2.74	0.0
35110	144.0	-101.7	-2249.3	-122.6	-351.3	-592.5	0.0361	0.0103	0.0127	5.63	19.71	15.98	0.00	-0.16	-2.66	0.0
35111	133.5	-85.4	-2156.9	-133.9	-382.7	-555.3	0.0351	0.0108	0.0127	5.91	19.19	16.32	0.00	-0.16	-2.57	0.0
35112	123.9	-68.4	-2059.8	-143.1	-406.3	-518.2	0.0340	0.0114	0.0127	6.25	18.67	16.70	0.00	-0.17	-2.48	0.0
35113	115.7	-50.0	-1958.1	-150.7	-422.5	-482.1	0.0328	0.0120	0.0127	6.65	18.21	17.15	0.00	-0.17	-2.38	0.0
35114	109.8	-29.9	-1851.0	-157.2	-432.0	-448.0	0.0181	0.0126	0.0127	12.47	17.90	17.75	0.00	-0.17	-2.28	0.0
35115	560.0	295.9	-849.8	-432.8	-538.0	-332.5	0.0219	0.0164	0.0244	42.05	56.19	37.63	0.00	-0.66	-2.10	0.0
35116	203.3	163.4	-1122.2	-262.1	-442.8	-333.5	0.0118	0.0158	0.0244	38.77	28.89	18.65	0.00	-0.31	-1.82	0.0
35117	136.6	92.0	-1311.7	-203.2	-435.0	-346.7	0.0130	0.0152	0.0244	25.26	21.65	13.42	0.00	-0.21	-1.85	0.0
35123	301.5	34.9	-1417.2	-274.8	-474.9	-358.0	0.0133	0.0150	0.0244	38.06	33.64	20.66	0.00	-0.45	-2.15	0.0
35124	106.5	-7.0	-1738.1	-163.4	-436.0	-417.7	0.0168	0.0132	0.0127	14.02	17.79	18.54	0.00	-0.17	-2.17	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
35127	106.8	17.5	-1615.6	-170.9	-436.2	-390.5	0.0155	0.0139	0.0127	16.15	18.06	19.73	0.00	-0.18	-2.07	0.0
35130	110.9	48.0	-1475.0	-181.8	-434.5	-366.2	0.0142	0.0145	0.0127	19.23	18.87	21.56	0.00	-0.19	-1.95	0.0
35132	245.6	18.1	-1502.8	-249.3	-471.2	-369.7	0.0141	0.0146	0.0244	30.73	29.74	17.75	0.00	-0.38	-2.16	0.0
35133	-749.3	-414.3	-813.6	-43.8	720.1	-339.6	0.0331	0.0462	0.0057	2.69	1.93	15.73	0.00	-0.61	-1.63	0.0
35134	-383.7	-246.6	-454.9	-140.3	349.0	-143.0	0.0331	0.0462	0.0022	1.86	1.33	27.50	0.00	-0.44	-0.83	0.0
35135	-175.7	-163.9	-281.9	-184.1	160.5	-41.2	0.0331	0.0462	0.0022	2.22	1.59	32.88	0.00	-0.34	-0.50	0.0
35136	-551.9	-298.0	-604.9	-131.6	510.6	-174.5	0.0331	0.0462	0.0022	1.88	1.35	27.90	0.00	-0.49	-1.15	0.0
35137	-309.9	-194.4	-379.7	-177.9	265.4	-77.2	0.0331	0.0462	0.0022	1.81	1.30	26.80	0.00	-0.38	-0.68	0.0
35138	-163.2	-145.5	-257.3	-199.0	121.4	19.6	0.0331	0.0462	0.0022	1.86	1.33	27.49	0.00	-0.27	-0.48	0.0
35139	-418.2	-198.1	-449.6	-186.0	352.0	-118.4	0.0331	0.0462	0.0022	2.57	1.84	38.03	0.00	-0.45	-0.87	0.0
35140	-260.1	-154.4	-318.9	-207.3	188.5	-19.7	0.0331	0.0462	0.0022	1.74	1.25	25.84	0.00	-0.32	-0.59	0.0
35141	-157.9	-130.4	-234.9	-212.5	85.7	50.1	0.0331	0.0462	0.0022	2.13	1.52	31.54	0.00	-0.25	-0.48	0.0
35142	-1446.9	-1492.5	-7297.4	52.6	-698.6	2750.2	0.0331	0.0462	0.0055				-0.35	-1.43	-8.46	
35143	-1875.5	-1597.6	-9604.7	-67.5	-1971.3	1414.6	0.0331	0.0462	0.0055				-1.00	-1.78	-10.29	
35144	-1658.2	-1580.8	-11654.6	-201.6	-336.6	206.3	0.0331	0.0462	0.0055				-1.40	-1.82	-11.67	
35145	-1903.6	-1619.7	-12818.0	-197.1	505.5	-261.7	0.0331	0.0462	0.0055				-1.50	-1.99	-12.85	
35146	-2161.2	-1912.7	-15276.0	-80.0	1209.5	-675.7	0.0331	0.0462	0.0055				-1.80	-2.13	-15.42	
35147	-5540.7	-2407.3	-10494.0	1077.8	6228.4	-876.4	0.0331	0.0462	0.0055				-1.17	-2.41	-14.86	
35148	-3228.3	-2187.9	-5614.4	888.7	1674.8	-1834.8	0.0331	0.0462	0.0057				-1.37	-2.37	-7.29	
35149	-2932.7	-1786.5	-5145.3	722.7	1665.9	-1146.9	0.0331	0.0462	0.0057				-1.38	-2.05	-6.43	
35150	-2221.8	-1302.3	-4295.5	353.4	1238.8	-684.7	0.0331	0.0462	0.0057				-1.14	-1.64	-5.03	
35151	-1548.7	-806.5	-2261.9	139.5	1752.4	-392.6	0.0331	0.0462	0.0057				-0.09	-0.78	-3.75	
35152	-2077.7	-1251.6	-12453.1	-75.9	-446.7	-337.1	0.0331	0.0462	0.0055				-1.24	-2.06	-12.48	
35153	-2069.3	-1431.8	-13131.2	-155.4	-320.3	-465.3	0.0331	0.0462	0.0055				-1.38	-2.09	-13.16	
35154	-2056.6	-1754.3	-14392.1	-158.0	617.1	-751.7	0.0331	0.0462	0.0055				-1.62	-2.12	-14.47	
35155	-3534.2	-3085.7	-12202.4	1071.2	3557.2	-2772.1	0.0331	0.0462	0.0055				-2.20	-2.35	-14.26	
35156	-2931.4	-4313.3	-10056.4	1680.7	1879.1	-5979.3	0.0331	0.0462	0.0055				-0.46	-2.48	-14.36	
35157	-4387.1	-3113.7	-7251.9	1983.1	4159.3	-3560.5	0.0331	0.0462	0.0057				-0.93	-1.77	-12.06	
35158	-2791.0	-1530.6	-4519.5	661.7	1340.8	-835.8	0.0331	0.0462	0.0057				-1.22	-2.10	-5.53	
35159	-2174.0	-1342.9	-4183.1	350.1	1090.3	-844.7	0.0331	0.0462	0.0057				-1.11	-1.70	-4.90	
35160	-1699.8	-975.3	-2974.9	197.5	1425.2	-941.0	0.0331	0.0462	0.0057				-0.41	-1.08	-4.15	
35161	-1075.2	-555.0	-1351.9	34.9	1198.1	-696.1	0.0331	0.0462	0.0057	7.93	5.68	46.40	0.00	-0.94	-2.83	0.0
35162	-2246.8	-4414.2	-8923.5	591.9	-198.8	-4530.2	0.0331	0.0462	0.0057				-1.24	-2.61	-11.73	
35163	-2371.4	-4639.3	-9436.3	846.2	374.5	-4931.8	0.0331	0.0462	0.0057				-1.29	-2.58	-12.58	
35164	-2528.4	-4871.3	-10037.3	1317.5	1012.3	-5595.8	0.0331	0.0462	0.0057				-1.04	-2.56	-13.83	
35165	-3448.0	-3483.2	-7197.6	1802.5	3514.2	-3456.0	0.0331	0.0462	0.0057				-1.21	-1.67	-11.26	
35166	-2285.3	-1872.7	-3951.7	693.1	1317.2	-970.0	0.0331	0.0462	0.0057				-1.36	-1.64	-5.11	
35167	-1973.3	-1744.2	-3981.0	609.4	606.4	-1066.2	0.0331	0.0462	0.0057				-1.14	-1.92	-4.64	
35168	-2106.8	-1388.7	-3977.3	457.2	1133.4	-1002.8	0.0331	0.0462	0.0057				-1.04	-1.57	-4.86	
35169	-1662.2	-932.4	-2829.2	195.5	1280.0	-928.8	0.0331	0.0462	0.0057				-0.42	-1.09	-3.92	
35170	-1138.2	-563.5	-1395.1	45.5	1147.1	-750.9	0.0331	0.0462	0.0057	6.68	4.78	39.08	0.00	-0.94	-2.82	0.0
35171	-674.7	-303.0	-716.2	-118.8	535.1	-252.4	0.0331	0.0462	0.0057	1.26	0.90	7.36	0.00	-0.53	-1.28	0.0
35172	-1442.9	-2025.8	-3867.8	371.5	-59.5	-1654.5	0.0331	0.0462	0.0057				-0.85	-1.64	-4.85	
35173	-1551.5	-2045.1	-3937.4	417.7	168.9	-1746.0	0.0331	0.0462	0.0057				-0.89	-1.63	-5.01	
35174	-1679.2	-1969.6	-3832.7	436.9	472.1	-1612.7	0.0331	0.0462	0.0057				-1.00	-1.59	-4.89	
35175	-1714.0	-1751.2	-3876.3	469.1	488.5	-1368.1	0.0331	0.0462	0.0057				-1.01	-1.65	-4.69	
35176	-1843.9	-1427.2	-3796.3	399.4	739.0	-1025.6	0.0331	0.0462	0.0057				-1.02	-1.60	-4.45	
35177	-1641.7	-1123.4	-3454.2	180.0	647.9	-683.1	0.0331	0.0462	0.0057				-0.94	-1.44	-3.84	
35178	-1441.4	-861.3	-2558.1	129.4	1024.8	-816.3	0.0331	0.0462	0.0057				-0.42	-1.04	-3.40	
35179	-1106.0	-507.1	-1290.8	33.0	1024.8	-661.4	0.0331	0.0462	0.0057	4.64	3.32	27.11	0.00	-0.84	-2.53	0.0
35180	-715.5	-260.4	-712.9	-125.6	465.2	-218.6	0.0331	0.0462	0.0057				-0.01	-0.50	-1.18	
35181	-473.8	-169.7	-461.8	-193.7	310.3	-95.5	0.0331	0.0462	0.0022	1.31	0.94	19.40	0.00	-0.40	-0.83	0.0
35182	-997.4	-824.4	-1754.3	195.7	60.3	-1149.2	0.0331	0.0462	0.0057				-0.03	-1.00	-2.55	
35183	-1059.3	-823.7	-1774.7	153.0	131.6	-1153.9	0.0331	0.0462	0.0057				-0.05	-1.04	-2.57	
35184	-1107.0	-814.3	-1810.5	113.3	183.4	-1147.9	0.0331	0.0462	0.0057				-0.06	-1.08	-2.59	
35185	-1178.3	-783.5	-1850.2	76.8	222.5	-1111.7	0.0331	0.0462	0.0057				-0.08	-1.14	-2.59	
35186	-1230.7	-772.2	-2459.1	-34.8	-30.0	-781.2	0.0331	0.0462	0.0057				-0.47	-1.23	-2.77	
35187	-1247.5	-658.6	-2235.8	-50.7	751.4	-605.7	0.0331	0.0462	0.0057				-0.33	-1.04	-2.77	
35188	-984.8	-384.9	-1115.1	-90.7	795.3	-449.9	0.0331	0.0462	0.0057	2.27	1.62	13.25	0.00	-0.74	-1.97	0.0
35189	-689.2	-194.4	-632.4	-164.1	334.4	-101.4	0.0331	0.0462	0.0057				-0.06	-0.45	-1.00	
35190	-507.0	-127.9	-414.7	-202.7	238.3	-24.1	0.0331	0.0462	0.0022	0.00	0.00	0.06	0.00	-0.31	-0.74	0.0
35191	-354.1	-101.8	-276.6	-227.3	110.4	67.5	0.0331	0.0462	0.0022	0.97	0.69	14.34	0.00	-0.25	-0.58	0.0
35192	-632.8	-104.0	-344.1	65.8	78.0	12.8	0.0331	0.0462	0.0022				-0.09	-0.33	-0.66	
35193	-663.3	-107.2	-357.0	-27.3	61.0	10.1	0.0331	0.0462	0.0022				-0.11	-0.35	-0.68	
35194	-687.0	-115.6	-379.5	-78.0	41.6	-12.3	0.0331	0.0462	0.0022				-0.10	-0.38	-0.70	
35195	-713.5	-137.2	-447.6	-131.6	-52.3	-19.5	0.0331	0.0462	0.0022				-0.11	-0.44	-0.75	
35196	-809.4	-271.8	-845.7	-144.9	-195.0	-302.2	0.0331	0.0462	0.0057				-0.14	-0.65	-1.14	
35197	-851.0	-252.8	-747.5	-174.7	430.9	-194.0	0.0331	0.0462	0.0057				-0.04	-0.58	-1.23	
35198	-646.2	-116.7	-402.1	-209.9	161.9	103.5	0.0331	0.0462	0.0057				-0.04	-0.32	-0.81	
35199	-498.9	-91.6	-205.3	-216.7	102.4	108.8	0.0331	0.0462	0.0022	0.61	0.44	9.01	0.00	-0.20	-0.66	0.0
35200	-380.2	-83.6	-97.4	-223.8	-28.7	139.9	0.0331	0.0462	0.0022	3.71	2.66	54.94	0.00	-0.30	-0.63	0.0
35201	-285.8	-89.7	-20.2	-223.1	-71.9	133.2	0.0331	0.0462	0.0022	5.24	3.75	77.68	0.00	-0.31	-0.61	0.0
35202	-21.6	-117.6	77.8	-133.9	-141.7	63.5	0.0331	0.0462	0.0022	6.91	4.95	102.38	0.00	-0.30	-0.44	0.0
35203	-44.9	-116.6	86.1	-148.5	-143.5	71.2	0.0331	0.0462	0.0022	7.17	5.13	106.19	0.00	-0.31	-0.48	0.0
35204	-71.9	-115.2	93.7	-163.1	-144.7	80.9	0.0331	0.0462	0.0022	7.44	5.33	110.18	0.00	-0.32	-0.51	0.0
35205	-15.9	-120.8	-76.0	-171.9	-89.7	88.1	0.0331	0.0462	0.0022	5.25	3.76	77.75	0.00	-0.31	-0.42	0.0
35206	-43.8	-117.0	-68.4	-182.7	-91.1	93.7	0.0331	0.0462	0.0022	5.30	3.79	78.46	0.00	-0.31	-0.44	0.0
35207	-74.1	-113.9	-57.9	-191.9	-92.7	99.7	0.0331	0.0462	0.0022	5.36	3.83	79.34	0.00	-0.31	-0.46	0.0
35208	-59.1	-131.3	-177.2	-191.9	25.0	60.9	0.0331	0.0462	0.0022	3.07	2.20	45.44	0.00	-0.25	-0.42	0.0
35209	-78.0	-124.9	-169.6	-199.8	-18.4	72.2	0.0331	0.0462	0.0022	3.43	2.45	50.75	0.00	-0.28	-0.43	0.0
35210	-101.5	-120.1	-156.5	-206.9	-26.5	83.8	0.0331	0.0462	0.0022	3.57	2.56	52.91	0.00	-0.29	-0.45	0.0
35211	-212.8	-100.2	28.8	-215.4	-105.9	123.7	0.0331	0.0462	0.0022	6.38	4.57	94.55	0.00	-0.33	-0.59	0.0
35212	-245.7	-100.7	-186.8	-231.8	45.8	95.2	0.0331	0.0462	0.0022	2.40	1.72	35.60	0.00	-0.24	-0.53	0.0
35213	-310.2	-133.1	-325.3	-221.8	162.9	22.4	0.0331	0.0462	0.0022	1.03	0.74	15.22	0.00	-0.28	-0.59	0.0
35214	-154.0	-110.0	61.2	-201.9	-126.7	108.4	0.0331	0.0462	0.0022	7.01	5.02	103.80	0.00	-0.33	-0.57	0.0
35215	-170.2	-107.5	-126.5	-223.1	-42.7	106.8	0.0331	0.0462	0.0022	4.00	2.87	59.29	0.00	-0.30	-0.50	0.0
35216	-211.8	-125.0	-243.0	-224.9	93.6	60.7	0.0331	0.0462	0.0022	1.85	1.33	27.44	0.00	-0.25	-0.52	0.0
35217	-107.7	-115.6	86.7	-182.8	-139.5	91.4	0.0331	0.0462	0.0022	7.37	5.28	109.14	0.00	-0.33	-0.54	0.0
35218	-114.5	-113.0	-74.5	-207.3	-76.4	105.9	0.0331	0.0462	0.0022	4.95	3.54	73.25	0.00	-0.31	-0.49	0.0
35219	-140.7	-121.8	-178.5	-215.1	30.8	83.7	0.0331	0.0462	0.0022	2.72	1.95	40.31	0.00	-0.24	-0.47	0.0
35228	-490.5	-46.1	-715.7	193.6	608.1	-229.6	0.0291	0.0406	0.0127	0.91	0.65	2.08	0.00	-0.01	-1.32	0.0
35279	68.2	-336.0	-1128.8	25.2	127.5	-767.2	0.0388	0.0358	0.0127	4.03	4.37	12.30	0.00	-0.10	-1.76	0.0
35280	78.7	-338.2	-1155.4	60.8	175.1	-771.9	0.0386	0.0358	0.0127	3.96	4.27	12.03	0.00	-0.08	-1.79	0.0
35281	80.3	-324.6	-1194.8	103.4	226.6	-763.9	0.0383	0.0360	0.0127	3.70	3.94	11.15	0.00	-0.05	-1.82	0.0
35282	79.0	-291.9	-1265.2	145.5	287.6	-748.7	0.0379	0.0362	0.0127	3.69	3.86	10.99	0.00	-0.03	-1.87	0.0
35283	146.6	-179.2	-1240.1	183.0	451.8	-663.8	0.0373	0.0365	0.0127	7.56	7.72	22.18	0.00	-0.15	-1.97	0.0
35284	103.4	-97.8	-1157.5	259.6	534.4	-543.1	0.0366	0.0369	0.0161	8.63	8.56	19.57	0.00	-0.19	-1.91	0.0
35285	-38.1	-75.1	-971.6	251.5	652.8	-399.7	0.0358	0.0373	0.0127	8.52	8.17	23.96	0.00	-0.23	-1.77	0.0
35286	-91.4	-17.1	-727.6	212.4	615.1	-250.8	0.0348	0.0377	0.0127	8.44	7.79	23.14	0.00	-0.23	-1.49	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
35287	-110.4	22.6	-520.5	173.9	548.4	-147.8	0.0338	0.0383	0.0127	8.45	7.46	22.47	0.00	-0.23	-1.24	0.0
35288	-103.6	52.2	-352.3	135.7	465.7	-69.9	0.0327	0.0388	0.0127	8.40	7.08	21.63	0.00	-0.22	-1.01	0.0
35289	-43.2	74.5	27.7	45.9	139.2	92.0	0.0125	0.0422	0.0127	16.91	5.00	16.60	0.00	-0.21	-0.36	0.0
35290	-40.7	74.9	17.5	49.4	166.9	97.7	0.0136	0.0416	0.0127	16.99	5.55	18.19	0.00	-0.23	-0.41	0.0
35291	-39.2	76.9	2.3	52.8	201.0	103.4	0.0148	0.0411	0.0127	17.28	6.21	20.06	0.00	-0.25	-0.48	0.0
35297	-350.8	2.0	-513.1	138.1	461.1	-142.7	0.0152	0.0409	0.0127	3.57	1.33	4.26	0.00	-0.03	-1.00	0.0
35298	-89.6	69.0	-222.6	103.9	387.4	39.3	0.0316	0.0394	0.0127	9.11	7.31	22.63	0.00	-0.27	-0.84	0.0
35301	-72.1	75.8	-124.4	78.8	316.7	76.2	0.0305	0.0399	0.0127	9.15	6.98	21.93	0.00	-0.26	-0.69	0.0
35304	-51.1	78.1	-42.7	61.1	252.3	98.0	0.0159	0.0405	0.0127	17.07	6.70	21.37	0.00	-0.26	-0.57	0.0
35306	-369.2	-4.4	-570.1	157.6	505.6	-167.2	0.0293	0.0405	0.0127	2.10	1.52	4.84	0.00	-0.03	-1.10	0.0
35315	-306.6	50.5	-1231.6	247.6	919.3	-407.2	0.0287	0.0229	0.0127	9.06	11.34	20.46	0.00	-0.09	-2.17	0.0
35366	338.4	-235.1	-2052.4	20.6	119.2	-915.2	0.0388	0.0179	0.0127	8.94	19.40	27.30	0.00	-0.20	-2.79	0.0
35367	357.2	-234.4	-2083.3	72.7	212.2	-915.6	0.0386	0.0180	0.0127	9.72	20.91	29.56	0.00	-0.23	-2.85	0.0
35368	368.9	-219.5	-2101.3	130.5	319.1	-893.0	0.0383	0.0181	0.0127	10.71	22.65	32.29	0.00	-0.27	-2.91	0.0
35369	371.6	-185.3	-2080.0	191.7	446.1	-838.6	0.0379	0.0184	0.0127	12.03	24.81	35.84	0.00	-0.32	-2.94	0.0
35370	324.8	-152.9	-2018.4	249.5	558.9	-753.5	0.0372	0.0187	0.0127	12.54	25.02	36.74	0.00	-0.36	-2.89	0.0
35371	273.2	-103.1	-1902.5	272.6	661.5	-648.9	0.0365	0.0190	0.0127	13.10	25.12	37.62	0.00	-0.38	-2.79	0.0
35372	218.6	-38.5	-1747.9	291.2	724.8	-535.7	0.0356	0.0195	0.0127	13.70	25.08	38.42	0.00	-0.39	-2.64	0.0
35373	139.3	8.9	-1565.6	289.7	763.7	-418.6	0.0347	0.0200	0.0127	13.62	23.67	37.16	0.00	-0.38	-2.45	0.0
35374	76.6	53.7	-1365.9	270.0	755.6	-306.6	0.0336	0.0205	0.0127	13.39	21.97	35.40	0.00	-0.36	-2.22	0.0
35375	31.7	88.5	-1173.6	242.3	716.1	-209.1	0.0325	0.0210	0.0127	13.06	20.16	33.38	0.00	-0.34	-1.98	0.0
35376	-47.7	148.7	-485.1	115.7	405.0	90.4	0.0121	0.0245	0.0127	26.34	13.00	25.09	0.00	-0.29	-1.05	0.0
35377	-37.1	146.6	-549.6	127.0	438.8	86.9	0.0133	0.0240	0.0127	25.50	14.11	26.59	0.00	-0.31	-1.14	0.0
35378	-25.4	145.0	-624.8	139.9	478.3	81.4	0.0144	0.0234	0.0127	25.02	15.43	28.38	0.00	-0.34	-1.25	0.0
35384	-232.5	80.5	-1014.7	212.6	786.3	-298.0	0.0148	0.0232	0.0127	17.56	11.22	20.46	0.00	-0.10	-1.84	0.0
35385	4.1	113.8	-1003.2	212.0	660.2	-132.9	0.0313	0.0216	0.0127	12.69	18.39	31.28	0.00	-0.32	-1.76	0.0
35388	-12.2	130.1	-855.9	183.9	599.7	-77.0	0.0302	0.0222	0.0127	12.31	16.73	29.22	0.00	-0.30	-1.56	0.0
35391	-18.4	141.3	-725.3	158.8	534.6	59.2	0.0156	0.0228	0.0127	24.69	16.89	30.29	0.00	-0.36	-1.40	0.0
35393	-222.7	71.1	-1091.5	229.8	819.9	-331.6	0.0156	0.0228	0.0127	17.72	12.13	21.75	0.00	-0.12	-1.95	0.0
35402	-162.1	55.1	-1639.0	241.6	971.2	-442.0	0.0150	0.0231	0.0127	21.53	13.93	25.33	0.00	-0.16	-2.55	0.0
35453	372.7	-223.1	-2572.4	20.4	104.7	-892.7	0.0388	0.0179	0.0127	9.71	21.07	29.65	0.00	-0.30	-3.25	0.0
35454	382.9	-220.9	-2599.9	70.7	211.0	-891.4	0.0386	0.0180	0.0127	10.30	22.15	31.31	0.00	-0.32	-3.31	0.0
35455	381.9	-207.9	-2602.2	123.1	324.9	-869.7	0.0383	0.0181	0.0127	10.94	23.12	32.98	0.00	-0.35	-3.34	0.0
35456	362.4	-185.2	-2575.1	173.3	437.6	-826.6	0.0378	0.0184	0.0127	11.46	23.58	34.09	0.00	-0.36	-3.33	0.0
35457	331.9	-149.1	-2514.0	215.1	544.6	-764.7	0.0372	0.0187	0.0127	12.00	23.86	35.10	0.00	-0.38	-3.29	0.0
35458	283.1	-107.4	-2421.6	250.5	636.0	-685.7	0.0364	0.0191	0.0127	12.33	23.52	35.32	0.00	-0.38	-3.21	0.0
35459	223.5	-63.8	-2300.9	269.1	705.7	-594.2	0.0355	0.0195	0.0127	12.42	22.59	34.71	0.00	-0.38	-3.09	0.0
35460	165.8	-16.8	-2159.2	274.1	748.1	-498.7	0.0345	0.0200	0.0127	12.46	21.48	33.84	0.00	-0.37	-2.93	0.0
35461	108.4	24.9	-2005.7	267.1	766.1	-404.6	0.0334	0.0206	0.0127	12.32	20.01	32.39	0.00	-0.35	-2.76	0.0
35462	59.3	61.4	-1847.3	250.5	758.8	-316.0	0.0323	0.0211	0.0127	12.06	18.40	30.63	0.00	-0.33	-2.57	0.0
35463	-65.8	146.3	-1100.2	133.8	551.5	-80.8	0.0118	0.0247	0.0127	21.76	10.36	20.13	0.00	-0.18	-1.61	0.0
35464	-53.8	142.1	-1196.4	147.3	580.5	-90.3	0.0129	0.0241	0.0127	21.21	11.36	21.56	0.00	-0.20	-1.73	0.0
35465	-39.4	137.1	-1301.7	162.6	612.2	-103.4	0.0141	0.0235	0.0127	20.94	12.54	23.23	0.00	-0.23	-1.86	0.0
35471	-138.8	76.1	-1485.6	221.4	869.6	-342.7	0.0145	0.0233	0.0127	20.92	12.97	23.82	0.00	-0.16	-2.29	0.0
35472	21.9	90.1	-1695.1	229.0	733.8	-241.4	0.0311	0.0217	0.0127	11.77	16.83	28.79	0.00	-0.30	-2.38	0.0
35475	-5.7	112.2	-1553.0	206.2	698.6	-180.5	0.0165	0.0223	0.0127	20.80	15.36	26.99	0.00	-0.28	-2.19	0.0
35478	-24.1	129.1	-1419.8	182.9	654.2	-131.4	0.0153	0.0229	0.0127	20.94	13.96	25.20	0.00	-0.26	-2.02	0.0
35480	-120.8	64.5	-1564.6	234.8	887.7	-374.7	0.0153	0.0229	0.0127	20.75	13.81	24.94	0.00	-0.18	-2.39	0.0
35489	-87.3	29.1	-1936.0	212.3	912.0	-431.8	0.0146	0.0233	0.0127	20.03	12.59	23.05	0.00	-0.18	-2.70	0.0
35540	331.3	-201.4	-2771.9	18.2	87.9	-850.3	0.0388	0.0179	0.0127	8.61	18.67	26.27	0.00	-0.28	-3.36	0.0
35541	332.8	-199.2	-2799.5	60.4	189.1	-849.5	0.0386	0.0180	0.0127	8.92	19.17	27.10	0.00	-0.29	-3.41	0.0
35542	323.6	-188.8	-2805.3	102.7	292.4	-833.0	0.0383	0.0181	0.0127	9.21	19.44	27.75	0.00	-0.30	-3.43	0.0
35543	303.9	-170.1	-2787.1	142.3	394.1	-800.9	0.0378	0.0184	0.0127	9.50	19.50	28.22	0.00	-0.31	-3.42	0.0
35544	272.3	-144.9	-2744.5	177.2	488.8	-753.8	0.0371	0.0187	0.0127	9.70	19.22	28.32	0.00	-0.31	-3.39	0.0
35545	232.5	-113.7	-2678.3	203.7	571.6	-694.1	0.0363	0.0191	0.0127	9.83	18.68	28.10	0.00	-0.31	-3.33	0.0
35546	186.7	-78.8	-2591.5	221.6	638.7	-625.5	0.0354	0.0196	0.0127	9.90	17.89	27.56	0.00	-0.30	-3.24	0.0
35547	137.7	-43.6	-2488.3	229.8	687.8	-551.4	0.0344	0.0201	0.0127	9.84	16.83	26.62	0.00	-0.29	-3.12	0.0
35548	90.6	-9.0	-2373.5	228.8	717.4	-475.9	0.0332	0.0207	0.0127	9.73	15.66	25.46	0.00	-0.27	-2.99	0.0
35549	47.7	22.8	-2252.5	220.2	728.6	-402.4	0.0321	0.0213	0.0127	9.54	14.39	24.07	0.00	-0.25	-2.85	0.0
35550	-81.0	109.8	-1578.9	126.9	619.2	-151.6	0.0114	0.0249	0.0127	17.75	8.16	15.97	0.00	-0.14	-2.02	0.0
35551	-69.5	105.0	-1680.1	139.8	640.7	-171.2	0.0126	0.0243	0.0127	17.19	8.92	17.05	0.00	-0.15	-2.14	0.0
35552	-55.1	98.5	-1786.9	153.9	661.8	-195.1	0.0138	0.0237	0.0127	16.83	9.81	18.28	0.00	-0.17	-2.27	0.0
35558	-90.0	46.3	-1843.0	199.2	842.2	-357.0	0.0141	0.0235	0.0127	18.83	11.33	20.96	0.00	-0.17	-2.52	0.0
35559	12.5	49.6	-2131.3	206.5	724.9	-337.1	0.0174	0.0219	0.0127	16.50	13.17	22.65	0.00	-0.23	-2.70	0.0
35562	-16.0	71.4	-2013.0	190.2	710.8	-279.8	0.0162	0.0225	0.0127	16.63	12.02	21.25	0.00	-0.21	-2.55	0.0
35565	-37.5	88.9	-1897.6	171.6	687.0	-230.3	0.0150	0.0231	0.0127	16.76	10.91	19.80	0.00	-0.19	-2.41	0.0
35567	-71.2	35.3	-1915.5	208.8	849.4	-386.2	0.0150	0.0231	0.0127	18.56	12.03	21.86	0.00	-0.18	-2.61	0.0
35576	-53.7	-0.4	-2123.0	176.2	823.6	-420.1	0.0143	0.0234	0.0127	16.68	10.19	18.79	0.00	-0.16	-2.73	0.0
35627	273.5	-183.9	-2797.4	14.4	70.1	-805.8	0.0388	0.0179	0.0127	7.09	15.39	21.65	0.00	-0.23	-3.30	0.0
35628	270.1	-182.4	-2826.9	48.3	160.8	-806.4	0.0386	0.0180	0.0127	7.21	15.50	21.92	0.00	-0.23	-3.34	0.0
35629	258.4	-174.5	-2837.8	81.8	252.7	-794.6	0.0383	0.0182	0.0127	7.32	15.43	22.04	0.00	-0.24	-3.36	0.0
35630	238.2	-160.5	-2829.7	113.0	342.3	-770.5	0.0377	0.0184	0.0127	7.39	15.16	21.96	0.00	-0.23	-3.35	0.0
35631	210.9	-141.3	-2802.9	139.9	426.0	-735.3	0.0371	0.0188	0.0127	7.44	14.71	21.71	0.00	-0.23	-3.33	0.0
35632	177.6	-118.3	-2758.6	161.4	500.9	-690.8	0.0362	0.0192	0.0127	7.45	14.09	21.25	0.00	-0.22	-3.28	0.0
35633	140.3	-92.6	-2698.6	176.5	564.3	-639.0	0.0353	0.0196	0.0127	7.42	13.33	20.59	0.00	-0.22	-3.22	0.0
35634	101.6	-65.4	-2625.6	185.0	614.7	-582.4	0.0342	0.0202	0.0127	7.34	12.46	19.77	0.00	-0.20	-3.14	0.0
35635	63.0	-38.4	-2542.5	186.9	651.3	-523.4	0.0331	0.0207	0.0127	7.22	11.51	18.78	0.00	-0.19	-3.05	0.0
35636	26.9	-12.6	-2452.5	182.9	674.0	-464.2	0.0319	0.0214	0.0127	7.04	10.51	17.66	0.00	-0.17	-2.94	0.0
35637	-91.6	65.1	-1887.5	111.5	641.8	-219.5	0.0111	0.0250	0.0127	12.91	5.74	11.30	0.00	-0.08	-2.26	0.0
35638	-81.2	60.6	-1980.4	122.7	655.5	-245.3	0.0123	0.0244	0.0127	12.54	6.32	12.14	0.00	-0.09	-2.37	0.0
35639	-68.0	54.1	-2076.3	134.8	666.7	-275.2	0.0135	0.0238	0.0127	12.29	6.97	13.07	0.00	-0.11	-2.48	0.0
35645	-68.0	13.7	-2070.3	167.2	780.5	-369.7	0.0138	0.0237	0.0127	15.26	8.92	16.61	0.00	-0.14	-2.62	0.0
35646	-3.8	10.0	-2359.3	174.4	684.5	-409.6	0.0172	0.0220	0.0127	12.20	9.56	16.53	0.00	-0.16	-2.83	0.0
35649	-29.8	29.1	-2265.6	163.0	685.4	-358.9	0.0160	0.0226	0.0127	12.25	8.67	15.41	0.00	-0.14	-2.71	0.0
35652	-50.7	44.7	-2171.3	149.1	677.8	-313.0	0.0147	0.0232	0.0127	12.28	7.80	14.25	0.00	-0.12	-2.60	0.0
35654	-51.0	4.5	-2132.5	174.0	780.5	-396.3	0.0147	0.0232	0.0127	15.00	9.47	17.32	0.00	-0.15	-2.69	0.0
35663	-43.5	-27.1	-2220.9	143.2	741.3	-417.6	0.0140	0.0146	0.0127	13.29	12.73	14.66	0.00	-0.14	-2.71	0.0
35714	221.0	-171.7	-2736.6	10.0	52.4	-769.5	0.0388	0.0089	0.0127	5.72	24.81	17.47	0.00	-0.18	-3.17	0.0
35715	215.0	-170.9	-2766.6	36.8	133.0	-771.6	0.0386	0.0090	0.0127	5.72	24.44	17.38	0.00	-0.18	-3.21	0.0
35716	202.4	-165.1	-2781.7	63.4	214.6	-763.7	0.0382	0.0092	0.0127	5.70	23.65	17.16	0.00	-0.18	-3.22	0.0
35717	183.7	-154.7	-2781.6	88.2	294.4	-746.3	0.0377	0.0095	0.0127	5.67	22.52	16.83	0.00	-0.17	-3.22	0.0
35718	159.7	-140.5	-2767.1	109.8	369.7	-720.2	0.0370	0.0098	0.0127	5.62	21.13	16.37	0.00	-0.17	-3.21	0.0
35719	131.8	-123.1	-2738.9	127.3	438.2	-686.6	0.0362	0.0103	0.0127	5.56	19.57	15.81	0.00	-0.16	-3.18	0.0
35720	101.2	-103.5	-2698.5	140.1	498.2	-647.0	0.0352	0.0108	0.0127	5.47	17.89	15.14	0.00	-0.15	-3.13	0.0
35721	69.3	-82.7	-2647.5	148.0	548.6	-602.9	0.0341	0.0113	0.0127	5.36	16.17	14.38	0.00	-0.14	-3.07	0.0
35722	37.6	-61.6	-2587.7	151.0	588.6	-556.1	0.0329	0.0119	0.0127	5.22	14.45	13.52	0.00	-0.12	-3.00	0.0
35723	7.4	-41.2	-2521.0	149.3	618.2	-508.0	0.0317	0.0125	0.0127	5.05	12.77	12.57	0.00	-0.11	-2.93	0.0
35724	-98.4	23.3	-2059.5	95.3	642.3	-276.3	0.0108	0.0162	0.0127	8.99	6.00	7.66	0.00	-0.04	-2.39	0.0
35725	-88.9	19.5	-2139.8	104.8	649.1	-305.6	0.0120	0.0156	0.0127	8.73	6.71	8.25	0.00	-0.05	-2.48	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
35726	-76.9	13.7	-2221.6	114.7	652.1	-338.3	0.0132	0.0150	0.0127	8.55	7.54	8.91	0.00	-0.06	-2.57	0.0
35732	-60.8	-15.8	-2192.5	136.6	717.5	-385.6	0.0135	0.0149	0.0127	11.89	10.83	12.68	0.00	-0.11	-2.64	0.0
35733	-19.0	-23.1	-2449.9	144.0	637.7	-462.2	0.0170	0.0131	0.0127	8.71	11.27	11.65	0.00	-0.09	-2.84	0.0
35736	-41.8	-7.6	-2376.4	136.2	648.8	-417.9	0.0158	0.0138	0.0127	8.66	9.91	10.74	0.00	-0.08	-2.75	0.0
35739	-60.9	5.4	-2300.6	125.9	652.6	-376.3	0.0145	0.0144	0.0127	8.60	8.65	9.81	0.00	-0.07	-2.66	0.0
35741	-46.4	-23.1	-2244.4	141.6	712.8	-410.1	0.0144	0.0145	0.0127	11.66	11.60	13.20	0.00	-0.12	-2.70	0.0
35750	-45.4	-51.2	-2258.2	117.0	677.8	-425.4	0.0137	0.0148	0.0127	10.62	9.87	11.48	0.00	-0.12	-2.67	0.0
35801	175.5	-165.2	-2645.9	-6.4	35.3	-747.3	0.0388	0.0089	0.0127	4.58	19.86	13.98	0.00	-0.14	-3.03	0.0
35802	167.9	-164.9	-2675.5	26.9	108.1	-750.5	0.0386	0.0090	0.0127	4.46	19.02	13.54	0.00	-0.13	-3.06	0.0
35803	155.4	-160.7	-2693.0	48.1	182.1	-745.6	0.0382	0.0092	0.0127	4.37	18.09	13.14	0.00	-0.12	-3.07	0.0
35804	138.5	-152.9	-2698.5	68.2	254.7	-732.9	0.0377	0.0095	0.0127	4.28	16.95	12.69	0.00	-0.12	-3.08	0.0
35805	117.8	-141.9	-2692.3	85.9	323.8	-712.9	0.0369	0.0099	0.0127	4.19	15.68	12.18	0.00	-0.11	-3.07	0.0
35806	94.2	-128.4	-2675.3	100.4	387.7	-686.6	0.0361	0.0103	0.0127	4.10	14.34	11.63	0.00	-0.10	-3.05	0.0
35807	68.7	-113.0	-2648.3	111.3	444.9	-654.9	0.0351	0.0108	0.0127	4.00	12.97	11.03	0.00	-0.09	-3.02	0.0
35808	42.4	-96.6	-2612.4	118.3	494.7	-619.0	0.0340	0.0114	0.0127	3.89	11.62	10.39	0.00	-0.08	-2.98	0.0
35809	16.2	-80.0	-2568.5	121.5	536.2	-580.1	0.0328	0.0120	0.0127	3.77	10.32	9.72	0.00	-0.07	-2.93	0.0
35810	-8.8	-63.8	-2517.8	121.0	569.4	-539.3	0.0181	0.0126	0.0127	6.34	9.09	9.02	0.00	-0.07	-2.87	0.0
35811	-100.3	-11.3	-2137.1	80.3	630.9	-318.8	0.0106	0.0164	0.0127	7.71	4.98	6.41	0.00	-0.05	-2.44	0.0
35812	-91.6	-14.4	-2205.2	88.1	631.8	-350.2	0.0118	0.0158	0.0127	7.18	5.35	6.64	0.00	-0.05	-2.52	0.0
35813	-81.0	-19.3	-2274.4	96.1	628.8	-384.0	0.0130	0.0152	0.0127	6.72	5.76	6.87	0.00	-0.04	-2.59	0.0
35819	-61.3	-41.8	-2244.4	111.2	666.7	-405.3	0.0133	0.0150	0.0127	9.52	8.41	9.93	0.00	-0.10	-2.63	0.0
35820	-30.9	-49.3	-2462.0	117.7	594.1	-499.6	0.0168	0.0132	0.0127	6.34	8.04	8.38	0.00	-0.06	-2.81	0.0
35823	-50.3	-36.8	-2403.0	112.1	611.3	-459.9	0.0155	0.0139	0.0127	6.38	7.13	7.79	0.00	-0.05	-2.74	0.0
35826	-66.9	-26.3	-2340.6	104.6	622.1	-421.3	0.0142	0.0145	0.0127	6.49	6.36	7.27	0.00	-0.04	-2.67	0.0
35828	-49.3	-47.6	-2287.4	115.0	659.0	-428.6	0.0141	0.0146	0.0127	9.23	8.94	10.26	0.00	-0.10	-2.68	0.0
35889	-119.5	-34.2	-1767.6	-36.7	563.6	159.9	0.0062	0.0154	0.0127	9.12	3.67	4.46	0.00	-0.08	-2.01	0.0
35890	-122.2	-35.4	-1783.0	-33.1	568.9	138.3	0.0061	0.0155	0.0127	9.08	3.54	4.33	0.00	-0.08	-2.02	0.0
35891	-124.0	-36.2	-1803.9	-29.5	574.8	-122.6	0.0061	0.0155	0.0127	14.63	5.71	6.97	0.00	-0.15	-2.08	0.0
35892	-124.7	-36.5	-1830.2	31.6	581.4	-145.0	0.0062	0.0154	0.0127	9.09	3.66	4.45	0.00	-0.08	-2.08	0.0
35953	-119.9	-50.3	-1809.6	-36.9	579.7	168.7	0.0062	0.0154	0.0127	9.98	4.02	4.88	0.00	-0.10	-2.07	0.0
35954	-122.6	-51.5	-1825.6	-34.0	585.5	144.4	0.0061	0.0155	0.0127	9.95	3.88	4.75	0.00	-0.10	-2.08	0.0
35955	-124.4	-52.4	-1846.5	-30.9	591.5	-125.4	0.0061	0.0155	0.0127	15.10	5.89	7.20	0.00	-0.17	-2.13	0.0
35956	-125.1	-52.9	-1872.2	31.4	597.7	-150.7	0.0062	0.0154	0.0127	9.96	4.01	4.87	0.00	-0.11	-2.13	0.0
36017	2878.3	566.4	687.5	-126.0	-404.9	-45.9	0.0420	0.0244	0.0244	70.45	121.25	120.98	0.00	-2.30	-2.44	0.0
36018	2871.0	611.3	705.6	-121.7	-369.7	-23.8	0.0418	0.0245	0.0244	70.29	120.11	120.23	0.00	-2.27	-2.36	0.0
36019	2881.9	615.0	728.3	-127.4	-362.6	18.4	0.0418	0.0245	0.0244	70.53	120.53	120.65	0.00	-2.28	-2.34	0.0
36020	2910.4	576.3	756.6	-123.1	-382.7	39.7	0.0420	0.0244	0.0244	71.09	122.36	122.08	0.00	-2.29	-2.42	0.0
36081	2162.8	375.6	366.4	130.8	-361.7	-94.0	0.0420	0.0244	0.0244	53.49	92.04	91.84	0.00	-1.84	-1.99	0.0
36082	2033.0	393.3	361.7	-121.3	-467.3	98.4	0.0418	0.0245	0.0244	51.82	88.55	88.64	0.00	-1.76	-1.95	0.0
36083	2034.9	394.4	379.5	-143.1	-462.2	107.0	0.0418	0.0245	0.0244	51.93	88.73	88.82	0.00	-1.76	-1.94	0.0
36084	2173.8	377.7	421.8	-179.9	-342.0	121.9	0.0420	0.0244	0.0244	53.85	92.66	92.45	0.00	-1.82	-1.99	0.0
36100	-116.7	-32.9	-1758.7	-39.2	560.0	175.6	0.0065	0.0153	0.0127	9.10	3.83	4.62	0.00	-0.08	-2.01	0.0
36116	-114.2	-31.9	-1754.8	-41.1	557.4	187.1	0.0067	0.0152	0.0127	9.07	3.98	4.77	0.00	-0.08	-2.01	0.0
36132	-117.0	-49.0	-1800.0	-38.9	575.1	186.4	0.0064	0.0153	0.0127	9.94	4.18	5.04	0.00	-0.10	-2.06	0.0
36148	-114.5	-48.1	-1795.3	-40.5	571.7	199.3	0.0067	0.0152	0.0127	9.88	4.32	5.18	0.00	-0.10	-2.06	0.0
36179	2916.9	540.4	763.5	-102.8	-396.8	88.4	0.0422	0.0243	0.0244	70.93	123.36	122.49	0.00	-2.27	-2.48	0.0
36180	2909.2	528.4	736.7	-89.7	-390.5	136.0	0.0424	0.0242	0.0244	70.30	123.48	122.04	0.00	-2.25	-2.53	0.0
36211	2365.2	330.9	456.7	-127.1	-233.7	122.4	0.0422	0.0243	0.0244	56.96	99.01	98.33	0.00	-1.91	-2.15	0.0
36212	2376.9	326.0	428.8	141.7	-230.0	145.7	0.0424	0.0242	0.0244	56.86	99.80	98.67	0.00	-1.88	-2.22	0.0
36213	-110.4	-30.6	-1751.9	-44.4	554.0	204.8	0.0071	0.0150	0.0127	8.94	4.22	4.98	0.00	-0.08	-2.01	0.0
36214	-104.8	-28.6	-1751.7	-48.6	549.5	226.9	0.0078	0.0147	0.0127	8.66	4.58	5.29	0.00	-0.07	-2.01	0.0
36215	-98.1	-26.9	-1756.0	-53.1	544.5	249.5	0.0086	0.0143	0.0127	8.31	4.99	5.61	0.00	-0.07	-2.02	0.0
36216	-90.8	-25.6	-1763.5	-57.9	538.8	272.9	0.0095	0.0138	0.0127	7.89	5.45	5.92	0.00	-0.07	-2.04	0.0
36277	-110.6	-46.9	-1791.1	-43.1	566.9	218.8	0.0071	0.0150	0.0127	9.70	4.55	5.39	0.00	-0.10	-2.06	0.0
36278	-104.9	-45.0	-1788.9	-46.4	560.3	242.9	0.0077	0.0147	0.0127	9.36	4.91	5.68	0.00	-0.09	-2.06	0.0
36279	-98.2	-43.4	-1790.7	-49.9	552.8	267.0	0.0085	0.0143	0.0127	8.94	5.32	5.98	0.00	-0.09	-2.07	0.0
36280	-90.9	-42.0	-1795.6	-53.6	544.5	291.3	0.0094	0.0138	0.0127	8.45	5.76	6.27	0.00	-0.09	-2.08	0.0
36401	2880.9	527.3	656.9	87.9	-365.1	189.0	0.0428	0.0239	0.0244	68.66	122.79	120.34	0.00	-2.17	-2.58	0.0
36402	2820.7	523.5	536.9	96.4	-339.5	218.4	0.0435	0.0236	0.0244	66.02	121.62	117.52	0.00	-2.14	-2.60	0.0
36403	2766.5	500.0	410.8	105.6	-347.1	236.6	0.0443	0.0232	0.0244	63.60	121.48	115.35	0.00	-2.13	-2.65	0.0
36404	2727.0	485.5	264.1	155.1	-385.8	263.5	0.0453	0.0227	0.0244	61.67	122.83	114.24	0.00	-2.13	-2.76	0.0
36465	2206.7	356.1	331.3	200.3	-334.8	182.6	0.0428	0.0240	0.0244	53.25	95.11	93.27	0.00	-1.76	-2.19	0.0
36466	2086.1	358.4	217.7	146.3	-436.2	182.9	0.0435	0.0236	0.0244	50.37	92.60	89.57	0.00	-1.71	-2.19	0.0
36467	2094.8	360.5	123.9	125.2	-431.3	183.7	0.0443	0.0232	0.0244	49.47	94.20	89.58	0.00	-1.73	-2.26	0.0
36468	2221.8	393.6	37.2	112.8	-345.2	196.9	0.0452	0.0228	0.0244	50.44	100.05	93.24	0.00	-1.80	-2.38	0.0
36469	-84.2	-25.0	-1771.3	-61.2	533.4	289.6	0.0104	0.0134	0.0127	7.55	5.85	6.16	0.00	-0.07	-2.05	0.0
36470	-78.1	-25.1	-1779.0	-63.9	527.7	302.5	0.0110	0.0130	0.0127	7.29	6.15	6.32	0.00	-0.06	-2.06	0.0
36501	-84.4	-41.3	-1801.3	-56.0	536.9	308.4	0.0102	0.0134	0.0127	8.05	6.14	6.49	0.00	-0.09	-2.09	0.0
36502	-78.5	-41.1	-1807.5	-57.9	529.4	321.4	0.0109	0.0131	0.0127	7.74	6.42	6.63	0.00	-0.09	-2.09	0.0
36563	2709.5	523.2	128.5	287.0	-417.7	301.1	0.0461	0.0223	0.0244	60.74	125.52	114.60	0.00	-2.12	-2.92	0.0
36564	2407.9	575.4	-13.5	622.0	-408.8	352.2	0.0468	0.0220	0.0244	56.28	119.70	107.68	0.00	-1.96	-2.96	0.0
36595	2470.1	455.6	-20.6	206.1	-294.4	202.4	0.0460	0.0224	0.0244	54.80	112.68	103.14	0.00	-1.99	-2.66	0.0
36596	2433.2	566.7	-81.0	574.2	-310.7	250.7	0.0466	0.0220	0.0244	56.10	118.63	107.04	0.00	-2.05	-2.88	0.0
36597	2869.5	526.6	659.0	-129.2	-430.3	-92.8	0.0422	0.0243	0.0244	70.03	121.80	120.93	0.00	-2.29	-2.52	0.0
36598	2852.6	510.4	609.7	-131.4	-429.6	-137.9	0.0424	0.0242	0.0244	69.22	121.58	120.17	0.00	-2.26	-2.58	0.0
36629	2346.8	330.5	369.1	-106.1	-267.3	-96.4	0.0422	0.0243	0.0244	56.57	98.33	97.66	0.00	-1.95	-2.17	0.0
36630	2361.7	326.5	319.8	-177.1	-267.8	-114.3	0.0424	0.0242	0.0244	56.80	99.70	98.57	0.00	-1.97	-2.25	0.0
36661	-124.6	-36.4	-1853.8	34.3	586.9	-162.0	0.0065	0.0153	0.0127	9.06	3.82	4.60	0.00	-0.08	-2.11	0.0
36677	-124.0	-36.2	-1872.9	36.3	590.8	-174.8	0.0067	0.0152	0.0127	9.01	3.96	4.74	0.00	-0.08	-2.13	0.0
36693	-124.9	-52.8	-1895.1	33.5	602.5	-169.9	0.0064	0.0153	0.0127	9.91	4.16	5.02	0.00	-0.11	-2.16	0.0
36709	-124.3	-52.8	-1913.4	35.2	605.6	-184.1	0.0067	0.0152	0.0127	9.83	4.30	5.15	0.00	-0.11	-2.18	0.0
36785	-122.9	-35.9	-1903.7	39.8	596.7	-194.9	0.0071	0.0150	0.0127	8.87	4.18	4.94	0.00	-0.08	-2.17	0.0
36786	-120.8	-35.2	-1947.6	44.5	604.3	-221.0	0.0078	0.0147	0.0127	8.59	4.54	5.24	0.00	-0.08	-2.22	0.0
36787	-117.6	-34.4	-1996.1	49.7	611.1	-248.7	0.0086	0.0143	0.0127	8.23	4.95	5.56	0.00	-0.08	-2.28	0.0
36788	-113.7	-34.1	-2047.9	55.6	616.8	-278.4	0.0095	0.0138	0.0127	7.81	5.40	5.86	0.00	-0.08	-2.34	0.0
36849	-123.2	-52.7	-1942.6	38.0	610.1	-206.2	0.0071	0.0150	0.0127	9.64	4.53	5.35	0.00	-0.11	-2.22	0.0
36850	-120.9	-52.3	-1984.2	41.7	615.5	-234.7	0.0077	0.0147	0.0127	9.30	4.88	5.64	0.00	-0.11	-2.27	0.0
36851	-117.7	-51.9	-2029.9	45.9	619.7	-264.4	0.0085	0.0143	0.0127	8.88	5.28	5.94	0.00	-0.11	-2.32	0.0
36852	-113.8	-51.8	-2078.6	50.4	622.5	-295.5	0.0094	0.0138	0.0127	8.40	5.72	6.23	0.00	-0.10	-2.38	0.0
36853	2814.5	500.2	500.0	-142.4	-408.6	-190.4	0.0428	0.0239	0.0244	67.46	120.65	118.24	0.00	-2.21	-2.64	0.0
36854	2741.9	486.4	339.3	-155.2	-390.8	-226.6	0.0435	0.0236	0.0244	64.59	119.00	114.98	0.00	-2.16	-2.70	0.0
36855	2671.2	461.6	166.5	-171.1	-416.5	-258.2	0.0443	0.0232	0.0244	61.96	118.34	112.37	0.00	-2.14	-2.80	0.0
36856	2614.6	461.7	-30.7	-217.7	-485.4	-294.3	0.0453	0.0227	0.0244	59.92	119.36	111.01	0.00	-2.11	-2.98	0.0
36917	2200.9	355.9	201.2	-231.4	-369.8	-148.5	0.0428	0.0240	0.0244	53.46	95.49	93.64	0.00	-1.84	-2.26	0.0
36918	2088.0	358.1	58.4	-175.6	-472.7	-159.6	0.0435	0.0236	0.0244	50.70	93.20	90.15	0.00	-1.78	-2.33	0.0
36919	2097.7	361.4	-68.2	-154.8	-481.6	-177.2	0.0443	0.0232	0.0244	49.88	94.98	90.32	0.00	-1.78	-2.45	0.0
36920	2210.8	398.5	-198.4	-145.6	-434.8	-214.3	0.0452	0.0228	0.0244	50.75	100.68	93.83	0.00	-1.83	-2.64	0.0
37011	-109.6	-34.1	-2090.8	59.9	620.1	-300.8	0.0104	0.0134	0.0127	7.48	5.79	6.10	0.00	-0.08	-2.39	0.0
37012	-105.1	-34.6	-2124.4	63.4	620.4	-318.5	0.0110	0.0130	0.0127	7.23	6.10	6.26	0.00	-0.08	-2.42	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
37043	-109.8	-51.9	-2118.8	53.6	623.2	-318.6	0.0102	0.0134	0.0127	8.00	6.10	6.45	0.00	-0.10	-2.42	0.0
37044	-105.4	-52.3	-2150.4	56.2	621.3	-336.5	0.0109	0.0131	0.0127	7.70	6.39	6.59	0.00	-0.10	-2.46	0.0
37045	2593.4	523.8	-201.9	-327.6	-543.5	-322.7	0.0461	0.0223	0.0244	59.15	122.24	111.60	0.00	-2.09	-3.18	0.0
37046	2324.1	592.9	-372.4	-628.5	-543.4	-346.2	0.0468	0.0220	0.0244	55.33	117.69	105.87	0.00	-1.97	-3.25	0.0
37077	2447.1	470.3	-299.8	-226.1	-430.5	-217.2	0.0460	0.0224	0.0244	55.03	113.14	103.56	0.00	-2.01	-2.97	0.0
37078	2419.8	588.9	-396.7	-583.0	-464.3	-238.2	0.0466	0.0220	0.0244	56.57	119.64	107.95	0.00	-2.09	-3.21	0.0
37117	-28.4	-70.0	-1810.9	-89.7	506.0	409.5	0.0149	0.0111	0.0127	7.27	9.80	8.55	0.00	-0.09	-2.14	0.0
37168	119.8	-114.0	-1694.3	11.8	-46.4	538.9	0.0266	0.0051	0.0127	4.55	23.86	9.53	0.00	-0.07	-1.98	0.0
37169	112.4	-115.5	-1728.7	-9.6	52.1	546.4	0.0264	0.0052	0.0127	4.33	22.10	9.00	0.00	-0.06	-2.01	0.0
37170	103.2	-114.8	-1759.8	-20.8	98.9	550.2	0.0260	0.0054	0.0127	4.22	20.40	8.62	0.00	-0.06	-2.04	0.0
37171	92.3	-112.2	-1787.1	-32.5	146.5	550.3	0.0254	0.0057	0.0127	4.15	18.62	8.29	0.00	-0.06	-2.07	0.0
37172	79.7	-107.7	-1810.7	-43.7	193.9	546.6	0.0247	0.0060	0.0127	4.13	16.89	8.02	0.00	-0.05	-2.09	0.0
37173	65.7	-101.6	-1830.2	-53.7	239.9	539.1	0.0238	0.0065	0.0127	4.17	15.29	7.80	0.00	-0.05	-2.11	0.0
37174	50.5	-94.3	-1845.7	-61.9	283.8	528.2	0.0227	0.0070	0.0127	4.26	13.84	7.62	0.00	-0.05	-2.13	0.0
37175	34.5	-86.1	-1857.1	-68.1	324.8	514.0	0.0216	0.0076	0.0127	4.41	12.57	7.49	0.00	-0.05	-2.14	0.0
37176	18.2	-77.4	-1864.3	-72.2	362.3	496.9	0.0203	0.0082	0.0127	4.61	11.45	7.38	0.00	-0.05	-2.15	0.0
37177	1.9	-68.8	-1867.3	-74.2	395.9	477.4	0.0190	0.0088	0.0127	4.87	10.50	7.30	0.00	-0.06	-2.16	0.0
37178	-71.5	-41.4	-1816.8	-61.0	519.9	341.7	0.0118	0.0127	0.0127	7.32	6.82	6.79	0.00	-0.08	-2.11	0.0
37179	-62.0	-42.6	-1829.6	-64.1	505.9	365.1	0.0130	0.0121	0.0127	6.80	7.32	6.95	0.00	-0.08	-2.12	0.0
37180	-51.6	-44.8	-1842.8	-67.0	489.3	388.3	0.0142	0.0114	0.0127	6.30	7.84	7.06	0.00	-0.07	-2.13	0.0
37186	-39.8	-62.4	-1815.6	-83.6	508.2	399.5	0.0145	0.0113	0.0127	6.98	8.94	7.95	0.00	-0.09	-2.14	0.0
37187	-13.2	-60.8	-1866.0	-74.4	424.8	457.2	0.0177	0.0095	0.0127	5.21	9.71	7.26	0.00	-0.06	-2.16	0.0
37190	-27.2	-54.1	-1861.3	-73.0	449.5	435.1	0.0164	0.0102	0.0127	5.57	9.01	7.20	0.00	-0.06	-2.15	0.0
37193	-39.9	-48.3	-1853.7	-70.1	470.4	412.1	0.0151	0.0108	0.0127	6.00	8.40	7.14	0.00	-0.07	-2.15	0.0
37195	-30.0	-65.9	-1822.6	-84.5	493.5	414.4	0.0153	0.0109	0.0127	6.67	9.41	8.06	0.00	-0.08	-2.14	0.0
37204	-18.7	-58.7	-1811.1	-95.7	519.2	395.6	0.0151	0.0110	0.0127	8.08	11.07	9.59	0.00	-0.10	-2.16	0.0
37255	134.9	-112.1	-1716.3	10.2	-41.7	531.9	0.0266	0.0051	0.0127	5.11	26.77	10.69	0.00	-0.09	-2.01	0.0
37256	128.0	-113.4	-1752.0	-13.0	60.9	539.2	0.0264	0.0052	0.0127	4.94	25.18	10.25	0.00	-0.08	-2.05	0.0
37257	119.0	-112.5	-1783.4	-25.6	108.6	542.5	0.0260	0.0054	0.0127	4.83	23.40	9.88	0.00	-0.08	-2.08	0.0
37258	107.9	-109.4	-1810.2	-38.6	157.2	541.8	0.0254	0.0056	0.0127	4.76	21.42	9.52	0.00	-0.07	-2.10	0.0
37259	94.6	-104.3	-1832.3	-51.0	205.4	537.0	0.0247	0.0060	0.0127	4.73	19.39	9.18	0.00	-0.07	-2.12	0.0
37260	79.6	-97.5	-1849.6	-61.9	252.1	528.3	0.0238	0.0065	0.0127	4.73	17.41	8.85	0.00	-0.06	-2.14	0.0
37261	63.1	-89.2	-1862.1	-70.9	296.4	516.0	0.0228	0.0070	0.0127	4.76	15.55	8.53	0.00	-0.06	-2.15	0.0
37262	45.5	-79.9	-1869.7	-77.8	337.5	500.3	0.0216	0.0075	0.0127	4.82	13.83	8.21	0.00	-0.06	-2.16	0.0
37263	27.5	-70.0	-1872.7	-82.5	374.7	481.7	0.0204	0.0082	0.0127	4.90	12.29	7.88	0.00	-0.05	-2.16	0.0
37264	9.4	-60.0	-1871.0	-84.7	407.5	460.7	0.0191	0.0088	0.0127	5.03	10.94	7.57	0.00	-0.05	-2.16	0.0
37265	-71.1	-25.8	-1791.3	-67.9	520.3	321.8	0.0119	0.0126	0.0127	6.89	6.52	6.46	0.00	-0.06	-2.07	0.0
37266	-61.4	-27.7	-1808.3	-72.2	508.7	344.6	0.0131	0.0120	0.0127	6.40	7.00	6.61	0.00	-0.06	-2.09	0.0
37267	-50.5	-30.9	-1826.1	-76.2	494.4	367.9	0.0144	0.0114	0.0127	5.93	7.49	6.71	0.00	-0.05	-2.11	0.0
37273	-32.6	-50.3	-1810.2	-90.5	518.4	382.9	0.0146	0.0112	0.0127	7.48	9.74	8.61	0.00	-0.08	-2.14	0.0
37274	-7.5	-50.8	-1864.7	-85.0	435.3	439.2	0.0178	0.0094	0.0127	5.20	9.83	7.30	0.00	-0.05	-2.15	0.0
37277	-23.2	-42.8	-1854.9	-83.5	458.5	416.0	0.0165	0.0101	0.0127	5.43	8.90	7.06	0.00	-0.05	-2.14	0.0
37280	-37.6	-35.8	-1842.0	-80.3	477.6	392.2	0.0153	0.0107	0.0127	5.72	8.12	6.86	0.00	-0.05	-2.13	0.0
37282	-22.0	-54.4	-1820.2	-91.6	504.6	398.1	0.0155	0.0108	0.0127	7.21	10.32	8.78	0.00	-0.08	-2.15	0.0
37291	474.7	22.1	-1055.6	328.9	-300.2	328.4	0.0150	0.0111	0.0244	43.75	59.35	26.85	0.00	-0.64	-1.89	0.0
37342	125.7	-110.6	-1656.8	25.8	-78.1	528.2	0.0266	0.0051	0.0127	4.86	25.46	10.16	0.00	-0.08	-1.95	0.0
37343	130.1	-105.5	-1617.0	39.8	-108.8	514.8	0.0264	0.0052	0.0127	5.21	26.60	10.82	0.00	-0.08	-1.92	0.0
37344	133.6	-99.0	-1574.9	53.5	-139.0	499.2	0.0260	0.0054	0.0127	5.64	27.31	11.53	0.00	-0.09	-1.89	0.0
37345	136.4	-91.1	-1530.8	66.7	-167.8	482.2	0.0254	0.0056	0.0127	6.15	27.66	12.30	0.00	-0.10	-1.85	0.0
37346	138.8	-82.3	-1485.1	79.4	-193.8	464.4	0.0247	0.0060	0.0127	6.75	27.70	13.12	0.00	-0.11	-1.82	0.0
37347	141.0	-72.4	-1438.0	91.7	-216.2	446.6	0.0238	0.0065	0.0127	7.48	27.52	14.00	0.00	-0.12	-1.78	0.0
37348	143.2	-61.4	-1389.3	103.8	-234.6	429.3	0.0228	0.0070	0.0127	8.35	27.21	14.95	0.00	-0.13	-1.74	0.0
37349	145.6	-48.8	-1338.7	115.9	-249.2	413.1	0.0216	0.0076	0.0127	9.39	26.87	15.97	0.00	-0.14	-1.71	0.0
37350	148.5	-34.0	-1285.3	128.2	-260.1	398.4	0.0204	0.0082	0.0127	10.68	26.61	17.12	0.00	-0.15	-1.67	0.0
37351	152.6	-16.1	-1226.6	141.1	-267.8	385.7	0.0191	0.0088	0.0127	12.32	26.60	18.48	0.00	-0.16	-1.63	0.0
37352	1413.7	602.9	-317.0	897.2	-302.8	324.1	0.0475	0.0216	0.0244	41.98	92.40	81.66	0.00	-1.67	-2.61	0.0
37353	305.2	264.3	-667.3	360.0	-298.0	363.5	0.0487	0.0121	0.0244	13.26	53.60	26.45	0.00	-0.46	-1.57	0.0
37354	226.8	135.4	-838.3	236.1	-286.1	361.6	0.0500	0.0114	0.0244	8.44	36.88	17.26	0.00	-0.27	-1.47	0.0
37360	456.9	65.4	-988.5	354.1	-295.4	328.2	0.0145	0.0113	0.0244	46.20	59.43	27.46	0.00	-0.63	-1.85	0.0
37361	157.6	6.8	-1160.1	154.9	-272.9	375.4	0.0178	0.0095	0.0127	14.41	26.96	20.13	0.00	-0.17	-1.59	0.0
37364	165.6	33.8	-1079.7	171.5	-276.7	367.6	0.0164	0.0101	0.0127	17.27	28.00	22.34	0.00	-0.19	-1.54	0.0
37367	175.6	70.7	-975.1	195.3	-280.1	362.4	0.0151	0.0108	0.0127	21.49	30.14	25.60	0.00	-0.21	-1.49	0.0
37369	354.2	40.6	-1047.2	297.7	-296.1	340.7	0.0154	0.0109	0.0244	34.96	49.61	22.03	0.00	-0.50	-1.77	0.0
37378	450.5	20.8	-1046.6	307.8	-320.2	327.8	0.0151	0.0110	0.0244	41.23	56.69	25.51	0.00	-0.59	-1.86	0.0
37429	139.7	-108.7	-1676.6	25.1	-75.8	521.1	0.0266	0.0051	0.0127	5.38	28.18	11.25	0.00	-0.09	-1.98	0.0
37430	142.9	-103.6	-1633.8	39.8	-108.6	507.3	0.0264	0.0052	0.0127	5.69	29.05	11.82	0.00	-0.10	-1.94	0.0
37431	144.7	-96.9	-1588.2	54.1	-140.3	491.2	0.0260	0.0054	0.0127	6.07	29.42	12.41	0.00	-0.11	-1.91	0.0
37432	145.6	-89.0	-1540.2	67.6	-170.1	473.5	0.0254	0.0056	0.0127	6.52	29.38	13.05	0.00	-0.12	-1.86	0.0
37433	145.9	-80.1	-1490.2	80.4	-196.7	455.0	0.0247	0.0060	0.0127	7.07	29.04	13.74	0.00	-0.12	-1.82	0.0
37434	146.1	-70.3	-1438.7	92.5	-219.7	436.2	0.0238	0.0065	0.0127	7.72	28.50	14.48	0.00	-0.13	-1.78	0.0
37435	146.2	-59.6	-1385.6	104.3	-238.6	417.9	0.0228	0.0070	0.0127	8.51	27.87	15.27	0.00	-0.14	-1.74	0.0
37436	146.6	-47.4	-1330.9	115.7	-253.7	400.6	0.0217	0.0075	0.0127	9.47	27.24	16.14	0.00	-0.15	-1.70	0.0
37437	147.7	-33.0	-1273.5	127.2	-265.0	384.6	0.0204	0.0081	0.0127	10.65	26.73	17.13	0.00	-0.16	-1.65	0.0
37438	150.2	-15.6	-1211.5	139.1	-273.1	370.4	0.0192	0.0088	0.0127	12.16	26.51	18.33	0.00	-0.17	-1.61	0.0
37439	1320.1	545.2	-301.6	810.2	-361.0	348.2	0.0477	0.0215	0.0244	38.55	85.38	75.21	0.00	-1.46	-2.49	0.0
37440	292.7	246.9	-650.0	332.8	-309.0	339.5	0.0489	0.0120	0.0244	12.35	50.31	24.69	0.00	-0.42	-1.50	0.0
37441	217.9	129.7	-819.0	226.1	-293.1	338.4	0.0501	0.0114	0.0244	8.07	35.55	16.54	0.00	-0.25	-1.43	0.0
37447	433.7	60.6	-980.4	329.6	-314.3	326.7	0.0147	0.0112	0.0244	43.30	56.48	25.96	0.00	-0.58	-1.81	0.0
37448	154.0	6.6	-1142.3	151.9	-278.6	358.7	0.0178	0.0094	0.0127	14.11	26.67	19.81	0.00	-0.17	-1.56	0.0
37451	161.0	32.8	-1060.3	167.2	-282.7	349.1	0.0166	0.0101	0.0127	16.77	27.52	21.84	0.00	-0.19	-1.51	0.0
37454	170.8	68.3	-955.2	189.1	-286.4	341.6	0.0153	0.0107	0.0127	20.71	29.44	24.87	0.00	-0.21	-1.46	0.0
37456	340.3	37.7	-1035.9	280.6	-310.5	334.3	0.0155	0.0108	0.0244	33.20	47.70	21.08	0.00	-0.46	-1.74	0.0
37465	-51.8	-70.4	-2261.9	101.6	642.3	-438.7	0.0151	0.0110	0.0127	8.18	11.24	9.73	0.00	-0.11	-2.64	0.0
37516	141.0	-164.0	-2575.7	-8.7	-35.1	-740.8	0.0266	0.0051	0.0127	5.32	27.88	11.13	0.00	-0.10	-2.93	0.0
37517	132.6	-164.1	-2604.8	19.9	90.3	-744.9	0.0264	0.0052	0.0127	5.15	26.27	10.69	0.00	-0.09	-2.95	0.0
37518	120.5	-160.9	-2623.7	37.4	159.8	-741.8	0.0260	0.0054	0.0127	5.01	24.27	10.24	0.00	-0.09	-2.97	0.0
37519	105.1	-154.6	-2632.6	54.5	228.3	-731.7	0.0254	0.0056	0.0127	4.89	22.04	9.79	0.00	-0.08	-2.98	0.0
37520	86.8	-145.6	-2631.7	69.7	294.0	-715.0	0.0247	0.0060	0.0127	4.81	19.76	9.35	0.00	-0.07	-2.97	0.0
37521	66.3	-134.4	-2621.7	82.3	355.5	-692.5	0.0238	0.0065	0.0127	4.76	17.55	8.92	0.00	-0.07	-2.96	0.0
37522	44.4	-121.6	-2603.0	91.8	411.3	-665.0	0.0228	0.0070	0.0127	4.74	15.51	8.50	0.00	-0.06	-2.94	0.0
37523	21.9	-108.0	-2576.4	98.1	460.8	-633.2	0.0217	0.0075	0.0127	4.76	13.68	8.11	0.00	-0.06	-2.91	0.0
37524	-0.3	-94.0	-2542.4	101.2	503.1	-598.2	0.0204	0.0081	0.0127	4.81	12.08	7.74	0.00	-0.06	-2.87	0.0
37525	-21.7	-80.5	-2501.9	101.2	538.2	-560.9	0.0192	0.0088	0.0127	4.92	10.71	7.41	0.00	-0.06	-2.83	0.0
37526	-100.4	-36.0	-2171.7	69.0	620.5	-345.0	0.0119	0.0126	0.0127	6.79	6.44	6.38	0.00	-0.07	-2.48	0.0
37527	-92.8	-38.7	-2232.5	75.5	617.6	-377.8	0.0131	0.0120	0.0127	6.30	6.90	6.51	0.00	-0.07	-2.54	0.0
37528	-83.7	-43.0	-2294.0	81.9	610.8	-412.3	0.0144	0.0114	0.0127	5.82	7.36	6.58	0.00	-0.07	-2.61	0.0
37534	-65.8	-62.1	-2257.5	95.8	638.6	-424.8	0.0147	0.0112	0.0127	7.52	9.81	8.67	0.00	-0.10	-2.62	0.0
37535	-40.6	-68.4	-2455.8	98.9	565.5	-524.1	0.0178	0.0094	0.0127	5.10	9.63	7.16	0.00	-0.06	-2.78	0.0
37538	-57.2	-57.9	-2405.9	94.7	585.9	-486.5	0.0166	0.0101	0.0127	5.32	8.72	6.92	0.00	-0.06	-2.73	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
37541	-71.4	-49.1	-2352.1	88.7	600.3	-449.3	0.0153	0.0107	0.0127	5.61	7.98	6.74	0.00	-0.06	-2.67	0.0
37543	-55.3	-67.1	-2294.9	98.8	628.8	-447.9	0.0155	0.0108	0.0127	7.24	10.41	8.84	0.00	-0.10	-2.66	0.0
37552	-61.4	-86.3	-2253.7	95.0	625.0	-452.6	0.0150	0.0111	0.0127	7.30	9.90	8.62	0.00	-0.11	-2.62	0.0
37603	115.2	-165.9	-2528.5	-10.9	-40.7	-743.9	0.0266	0.0051	0.0127	4.36	22.83	9.11	0.00	-0.07	-2.86	0.0
37604	106.5	-166.3	-2556.7	14.9	78.8	-748.4	0.0264	0.0052	0.0127	4.16	21.20	8.63	0.00	-0.06	-2.88	0.0
37605	95.0	-163.7	-2576.3	30.0	145.9	-746.2	0.0260	0.0054	0.0127	4.03	19.53	8.24	0.00	-0.06	-2.90	0.0
37606	80.7	-158.2	-2587.2	45.1	212.4	-737.6	0.0254	0.0056	0.0127	3.96	17.81	7.92	0.00	-0.06	-2.91	0.0
37607	64.2	-150.2	-2589.7	58.7	276.5	-722.8	0.0247	0.0060	0.0127	3.94	16.17	7.66	0.00	-0.05	-2.91	0.0
37608	46.0	-140.2	-2584.1	70.0	336.8	-702.3	0.0238	0.0065	0.0127	3.99	14.67	7.47	0.00	-0.06	-2.91	0.0
37609	26.6	-128.7	-2570.7	78.6	392.2	-676.9	0.0228	0.0070	0.0127	4.10	13.35	7.34	0.00	-0.06	-2.90	0.0
37610	6.9	-116.4	-2550.0	84.3	441.9	-647.2	0.0216	0.0076	0.0127	4.27	12.20	7.26	0.00	-0.06	-2.88	0.0
37611	-12.7	-103.9	-2522.4	87.1	485.1	-614.3	0.0204	0.0082	0.0127	4.49	11.20	7.20	0.00	-0.06	-2.85	0.0
37612	-31.2	-91.6	-2488.6	87.1	521.6	-578.9	0.0191	0.0088	0.0127	4.78	10.33	7.17	0.00	-0.07	-2.82	0.0
37613	-100.7	-53.5	-2194.4	60.5	619.0	-364.5	0.0118	0.0127	0.0127	7.26	6.76	6.74	0.00	-0.10	-2.51	0.0
37614	-93.4	-55.5	-2250.5	65.5	613.3	-398.5	0.0130	0.0121	0.0127	6.75	7.27	6.90	0.00	-0.10	-2.57	0.0
37615	-84.8	-58.8	-2306.8	70.4	603.7	-433.4	0.0142	0.0114	0.0127	6.25	7.79	7.01	0.00	-0.09	-2.63	0.0
37621	-72.9	-78.1	-2256.6	88.1	625.1	-441.6	0.0145	0.0113	0.0127	6.99	8.99	7.99	0.00	-0.10	-2.61	0.0
37622	-47.6	-80.7	-2449.3	85.0	550.8	-543.4	0.0178	0.0095	0.0127	5.14	9.61	7.18	0.00	-0.07	-2.78	0.0
37625	-62.0	-71.5	-2406.0	81.2	573.5	-506.9	0.0164	0.0101	0.0127	5.51	8.94	7.13	0.00	-0.08	-2.73	0.0
37628	-74.2	-63.7	-2358.9	75.9	590.5	-470.3	0.0151	0.0108	0.0127	5.96	8.36	7.10	0.00	-0.09	-2.68	0.0
37630	-63.4	-82.7	-2290.3	90.6	614.0	-464.7	0.0154	0.0109	0.0127	6.67	9.47	8.09	0.00	-0.10	-2.64	0.0
37639	417.5	16.0	-1505.5	-318.1	-451.9	-364.9	0.0151	0.0110	0.0244	41.11	56.35	25.39	0.00	-0.60	-2.33	0.0
37690	145.9	-160.5	-2537.0	-29.4	-92.9	-729.7	0.0266	0.0051	0.0127	5.62	29.42	11.75	0.00	-0.10	-2.90	0.0
37691	147.5	-153.9	-2488.2	-49.7	-149.2	-712.2	0.0264	0.0052	0.0127	5.94	30.30	12.33	0.00	-0.11	-2.85	0.0
37692	146.3	-144.5	-2430.9	-69.0	-203.1	-689.1	0.0260	0.0054	0.0127	6.31	30.56	12.90	0.00	-0.12	-2.80	0.0
37693	142.9	-132.9	-2365.9	-86.6	-252.9	-661.4	0.0254	0.0056	0.0127	6.74	30.33	13.48	0.00	-0.13	-2.74	0.0
37694	138.2	-119.7	-2294.0	-102.3	-297.0	-630.5	0.0247	0.0060	0.0127	7.25	29.74	14.08	0.00	-0.13	-2.68	0.0
37695	132.9	-105.1	-2216.0	-116.2	-334.5	-597.4	0.0238	0.0065	0.0127	7.86	28.94	14.72	0.00	-0.14	-2.61	0.0
37696	127.6	-89.4	-2132.8	-128.4	-364.7	-563.5	0.0228	0.0070	0.0127	8.59	28.06	15.39	0.00	-0.15	-2.53	0.0
37697	123.1	-72.4	-2044.7	-139.3	-387.8	-529.6	0.0216	0.0075	0.0127	9.47	27.20	16.14	0.00	-0.16	-2.45	0.0
37698	120.0	-53.4	-1951.5	-149.4	-404.1	-496.8	0.0204	0.0082	0.0127	10.58	26.51	17.00	0.00	-0.16	-2.37	0.0
37699	119.4	-31.7	-1851.6	-159.1	-414.2	-465.8	0.0191	0.0088	0.0127	12.01	26.13	18.08	0.00	-0.17	-2.28	0.0
37700	1275.3	557.5	-704.2	-817.7	-492.7	-339.9	0.0477	0.0215	0.0244	38.41	85.06	74.93	0.00	-1.52	-2.85	0.0
37701	259.5	250.0	-1095.8	-343.0	-435.0	-358.2	0.0489	0.0120	0.0244	12.29	50.06	24.57	0.00	-0.44	-1.95	0.0
37702	184.1	127.9	-1302.4	-237.2	-423.0	-372.8	0.0501	0.0114	0.0244	7.97	35.11	16.34	0.00	-0.27	-1.92	0.0
37708	400.8	56.7	-1437.6	-339.5	-444.1	-361.6	0.0146	0.0112	0.0244	43.10	56.09	25.80	0.00	-0.59	-2.28	0.0
37709	121.1	-5.8	-1743.7	-169.6	-419.2	-438.2	0.0178	0.0094	0.0127	13.88	26.20	19.48	0.00	-0.18	-2.19	0.0
37712	127.1	23.7	-1622.8	-182.5	-420.8	-413.3	0.0165	0.0101	0.0127	16.47	27.00	21.44	0.00	-0.19	-2.10	0.0
37715	136.8	62.6	-1478.6	-202.1	-420.7	-391.0	0.0153	0.0107	0.0127	20.35	28.91	24.43	0.00	-0.21	-2.00	0.0
37717	307.4	32.4	-1519.3	-292.5	-444.2	-377.6	0.0155	0.0108	0.0244	33.06	47.36	20.96	0.00	-0.47	-2.24	0.0
37726	448.2	14.2	-1503.4	-341.6	-428.5	-363.2	0.0149	0.0111	0.0244	44.03	59.36	26.92	0.00	-0.66	-2.36	0.0
37777	121.1	-162.5	-2491.7	-29.7	-94.6	-732.8	0.0266	0.0051	0.0127	4.69	24.57	9.81	0.00	-0.08	-2.83	0.0
37778	124.5	-156.1	-2446.3	-48.4	-147.7	-715.8	0.0264	0.0052	0.0127	5.06	25.81	10.51	0.00	-0.08	-2.79	0.0
37779	125.6	-147.1	-2393.4	-66.3	-199.0	-693.6	0.0260	0.0054	0.0127	5.49	26.56	11.22	0.00	-0.09	-2.75	0.0
37780	125.0	-135.8	-2333.6	-82.9	-247.0	-667.2	0.0254	0.0057	0.0127	5.99	26.88	11.97	0.00	-0.10	-2.70	0.0
37781	123.4	-122.8	-2267.6	-98.1	-289.8	-637.6	0.0247	0.0060	0.0127	6.57	26.88	12.76	0.00	-0.11	-2.64	0.0
37782	121.4	-108.4	-2195.9	-111.9	-326.2	-606.1	0.0238	0.0065	0.0127	7.27	26.64	13.59	0.00	-0.12	-2.58	0.0
37783	119.5	-92.7	-2119.2	-124.3	-355.8	-573.8	0.0227	0.0070	0.0127	8.09	26.28	14.48	0.00	-0.13	-2.51	0.0
37784	118.2	-75.4	-2037.5	-135.8	-378.5	-541.6	0.0216	0.0076	0.0127	9.09	25.90	15.43	0.00	-0.14	-2.44	0.0
37785	118.0	-56.0	-1950.2	-146.8	-394.6	-510.5	0.0203	0.0082	0.0127	10.31	25.61	16.51	0.00	-0.15	-2.37	0.0
37786	119.9	-33.7	-1855.5	-157.8	-404.9	-481.3	0.0190	0.0088	0.0127	11.89	25.60	17.81	0.00	-0.16	-2.29	0.0
37787	1400.6	622.7	-688.6	-914.9	-443.7	-304.7	0.0475	0.0216	0.0244	42.53	93.60	82.73	0.00	-1.75	-2.98	0.0
37788	272.7	271.5	-1099.5	-370.2	-423.4	-375.6	0.0487	0.0121	0.0244	13.20	53.31	26.32	0.00	-0.49	-2.00	0.0
37789	194.2	135.0	-1313.0	-246.0	-415.3	-393.5	0.0500	0.0114	0.0244	8.30	36.25	16.97	0.00	-0.28	-1.95	0.0
37795	430.6	60.0	-1435.7	-366.6	-422.8	-360.8	0.0145	0.0113	0.0244	46.43	59.45	27.52	0.00	-0.65	-2.31	0.0
37796	123.9	-6.8	-1751.9	-169.7	-410.2	-455.1	0.0177	0.0095	0.0127	13.93	25.99	19.42	0.00	-0.17	-2.20	0.0
37799	131.5	24.1	-1633.7	-184.4	-412.2	-431.7	0.0164	0.0102	0.0127	16.73	27.07	21.62	0.00	-0.19	-2.11	0.0
37802	141.9	64.9	-1490.5	-206.3	-412.6	-410.9	0.0151	0.0108	0.0127	20.91	29.28	24.89	0.00	-0.21	-2.02	0.0
37804	325.1	33.5	-1520.1	-311.1	-426.8	-382.0	0.0153	0.0109	0.0244	35.03	49.41	22.00	0.00	-0.51	-2.26	0.0
37865	-132.8	-71.8	-1855.8	-38.2	608.5	179.2	0.0062	0.0155	0.0127	10.17	4.09	4.97	0.00	-0.12	-2.13	0.0
37866	-135.6	-73.1	-1872.3	-35.3	615.2	151.5	0.0061	0.0155	0.0127	10.14	3.96	4.83	0.00	-0.12	-2.14	0.0
37867	-137.5	-74.1	-1893.2	-32.4	621.3	-130.3	0.0061	0.0155	0.0127	15.06	5.88	7.18	0.00	-0.19	-2.19	0.0
37868	-138.2	-75.0	-1918.3	33.1	627.0	-159.0	0.0062	0.0155	0.0127	10.08	4.05	4.93	0.00	-0.13	-2.19	0.0
37929	-146.3	-101.3	-1929.1	-38.6	682.0	194.5	0.0062	0.0155	0.0127	14.27	5.73	6.96	0.00	-0.18	-2.27	0.0
37930	-149.5	-102.7	-1946.0	-36.2	689.9	161.3	0.0061	0.0155	0.0127	14.29	5.58	6.81	0.00	-0.18	-2.28	0.0
37931	-151.4	-104.2	-1967.2	-33.9	696.6	-139.3	0.0061	0.0155	0.0127	18.65	7.28	8.89	0.00	-0.24	-2.32	0.0
37932	-152.0	-105.7	-1992.5	35.1	701.8	-173.7	0.0062	0.0155	0.0127	14.16	5.68	6.91	0.00	-0.18	-2.33	0.0
37993	-463.1	-190.9	-2071.1	-85.0	1007.1	232.8	0.0062	0.0155	0.0127	3.98	1.59	1.94	0.00	-0.19	-2.61	0.0
37994	-470.3	-191.3	-2088.5	-65.9	1017.6	183.2	0.0061	0.0155	0.0127	3.75	1.46	1.79	0.00	-0.20	-2.62	0.0
37995	-475.9	-194.2	-2110.8	67.2	1026.7	-163.2	0.0061	0.0155	0.0127	3.22	1.26	1.54	0.00	-0.20	-2.64	0.0
37996	-479.9	-199.5	-2138.2	87.0	1034.3	-214.8	0.0062	0.0155	0.0127	2.85	1.14	1.39	0.00	-0.20	-2.67	0.0
38057	955.3	155.1	9.8	239.6	-284.3	199.8	0.0509	0.0155	0.0244	21.04	69.31	43.82	0.00	-0.78	-1.32	0.0
38058	584.6	66.5	-31.4	46.2	-378.7	183.7	0.0507	0.0155	0.0244	15.11	49.39	31.38	0.00	-0.61	-1.07	0.0
38059	584.7	67.6	-13.1	-60.3	-370.6	186.9	0.0507	0.0155	0.0244	15.53	50.75	32.24	0.00	-0.68	-1.04	0.0
38060	964.4	159.8	65.3	-258.8	-259.1	190.8	0.0509	0.0155	0.0244	22.16	72.97	46.14	0.00	-0.98	-1.21	0.0
38121	384.7	35.8	-287.1	266.8	-264.0	209.2	0.0509	0.0155	0.0244	10.89	35.87	22.68	0.00	-0.44	-1.08	0.0
38122	-28.9	7.7	-318.0	32.9	-281.9	138.8	0.0507	0.0155	0.0244	3.14	10.26	6.52	0.00	-0.13	-0.68	0.0
38123	-26.8	9.6	-300.0	-29.2	-275.5	127.6	0.0507	0.0155	0.0244	3.82	12.48	7.93	0.00	-0.22	-0.68	0.0
38124	396.0	42.4	-232.5	-266.9	-241.9	-184.4	0.0509	0.0155	0.0244	11.06	36.41	23.03	0.00	-0.46	-1.02	0.0
38185	526.7	16.9	-280.7	92.6	-276.2	190.4	0.0509	0.0155	0.0244	12.07	39.72	25.12	0.00	-0.51	-1.07	0.0
38186	409.1	8.5	-158.7	28.8	-321.4	134.5	0.0507	0.0155	0.0244	10.95	35.79	22.74	0.00	-0.50	-0.91	0.0
38187	413.6	10.2	-139.5	27.3	-313.2	113.7	0.0507	0.0155	0.0244	10.95	35.79	22.74	0.00	-0.51	-0.88	0.0
38188	538.5	21.4	-228.3	-88.4	257.9	-169.0	0.0509	0.0155	0.0244	12.71	41.84	26.47	0.00	-0.60	-1.00	0.0
38189	-129.8	-70.7	-1845.6	-40.0	603.0	199.3	0.0064	0.0153	0.0127	10.11	4.24	5.12	0.00	-0.12	-2.12	0.0
38190	-127.2	-69.9	-1840.3	-41.5	598.6	213.8	0.0066	0.0152	0.0127	10.02	4.37	5.24	0.00	-0.12	-2.12	0.0
38221	-142.9	-100.2	-1918.5	-39.9	674.9	218.7	0.0064	0.0153	0.0127	14.11	5.90	7.12	0.00	-0.17	-2.26	0.0
38222	-139.8	-99.4	-1912.9	-40.8	668.9	236.0	0.0066	0.0152	0.0127	13.92	6.04	7.25	0.00	-0.17	-2.26	0.0
38253	-456.7	-193.0	-2060.9	-99.2	998.1	270.3	0.0064	0.0154	0.0127	4.01	1.67	2.02	0.00	-0.19	-2.60	0.0
38254	-451.3	-194.7	-2056.2	-109.0	990.9	297.2	0.0066	0.0153	0.0127	3.95	1.71	2.05	0.00	-0.18	-2.60	0.0
38315	1515.9	138.0	131.5	-142.0	-217.5	163.9	0.0511	0.0153	0.0244	30.69	102.25	64.19	0.00	-1.32	-1.60	0.0
38316	1559.6	162.6	110.6	210.5	-214.0	201.8	0.0513	0.0152	0.0244	31.44	105.90	66.02	0.00	-1.27	-1.73	0.0
38347	1000.8	59.5	-176.9	-145.0	-199.5	118.6	0.0511	0.0153	0.0244	20.75	69.08	43.38	0.00	-1.00	-1.30	0.0
38348	1063.0	103.9	-182.1	207.1	-183.8	232.3	0.0513	0.0152	0.0244	21.84	73.47	45.84	0.00	-0.89	-1.48	0.0
38379	749.7	39.1	-343.0	57.3	285.6	102.3	0.0511	0.0154	0.0244	16.21	53.93	33.88	0.00	-0.78	-1.26	0.0
38380	787.4	60.3	-350.5	137.4	285.7	259.4	0.0513	0.0153	0.0244	17.58	59.09	36.90	0.00	-0.80	-1.41	0.0
38396	-123.2	-68.9	-1834.9	-43.9	592.1	235.6	0.0070	0.0150	0.0127	9.81	4.58	5.42	0.00	-0.12	-2.12	0.0
38412	-117.4	-67.4	-1830.8	-46.8	583.0	262.4	0.0077	0.0147	0.0127	9.43	4.90	5.68	0.00	-0.11	-2.12	0.0
38428	-110.6	-66.1	-1830.5	-49.8	572.8	288.7	0.0084	0.0143	0.0127	8.96	5.27	5.94	0.00	-0.11	-2.12	0.0
38444	-103.3	-64.9	-1833.0	-52.7	561.5	314.7	0.0093	0.0139	0.0127	8.45	5.67	6.20	0.00	-0.11	-2.13	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
38460	-134.9	-98.4	-1906.8	-42.5	659.8	261.7	0.0070	0.0151	0.0127	13.55	6.28	7.45	0.00	-0.17	-2.25	0.0
38476	-127.8	-97.0	-1901.9	-44.0	646.9	293.1	0.0076	0.0148	0.0127	12.95	6.66	7.74	0.00	-0.17	-2.25	0.0
38492	-119.5	-95.7	-1900.7	-45.2	631.9	323.7	0.0083	0.0144	0.0127	12.26	7.10	8.04	0.00	-0.17	-2.25	0.0
38508	-110.6	-94.2	-1902.6	-46.0	615.7	353.6	0.0092	0.0140	0.0127	11.56	7.62	8.36	0.00	-0.17	-2.26	0.0
38524	-442.6	-197.6	-2051.7	-122.6	979.7	336.3	0.0069	0.0151	0.0127	3.85	1.77	2.10	0.00	-0.18	-2.60	0.0
38540	-430.4	-204.6	-2049.6	-139.0	963.9	385.9	0.0075	0.0148	0.0127	3.59	1.83	2.13	0.00	-0.17	-2.60	0.0
38556	-416.7	-213.9	-2052.6	-153.9	946.3	435.4	0.0082	0.0144	0.0127	3.27	1.87	2.12	0.00	-0.16	-2.60	0.0
38572	-401.8	-225.3	-2059.9	-167.2	927.2	485.3	0.0091	0.0140	0.0127	2.97	1.93	2.12	0.00	-0.16	-2.61	0.0
38573	1041.3	217.1	-20.9	362.0	-268.2	277.5	0.0517	0.0150	0.0244	23.19	79.69	49.06	0.00	-0.82	-1.54	0.0
38589	647.5	127.3	-176.5	155.7	-387.2	271.5	0.0523	0.0147	0.0244	15.37	54.61	32.91	0.00	-0.52	-1.29	0.0
38605	638.4	118.9	-257.4	132.0	-408.7	279.7	0.0531	0.0143	0.0244	15.02	55.61	32.64	0.00	-0.54	-1.35	0.0
38621	1007.0	232.9	-263.3	-80.0	-329.5	289.2	0.0540	0.0139	0.0244	20.61	80.11	45.55	0.00	-0.80	-1.56	0.0
38637	486.1	141.6	-294.5	388.0	-215.5	365.8	0.0517	0.0151	0.0244	14.30	49.05	30.23	0.00	-0.51	-1.38	0.0
38653	8.3	9.2	-444.7	145.0	-253.6	313.3	0.0523	0.0148	0.0244	3.30	11.70	7.06	0.00	-0.05	-0.89	0.0
38669	-24.5	-6.0	-512.8	114.9	-249.1	307.5	0.0530	0.0144	0.0244	2.62	9.67	5.69	0.00	-0.06	-0.90	0.0
38685	372.3	31.4	-498.1	-136.0	-255.4	318.3	0.0539	0.0140	0.0244	10.11	39.03	22.29	0.00	-0.51	-1.22	0.0
38701	587.3	64.6	-289.5	222.0	257.3	409.1	0.0516	0.0151	0.0244	15.79	54.06	33.36	0.00	-0.70	-1.38	0.0
38717	426.6	6.6	-280.6	132.8	-291.7	366.1	0.0522	0.0148	0.0244	10.18	35.93	21.75	0.00	-0.28	-1.16	0.0
38733	405.6	-15.3	-359.0	128.0	-289.7	354.1	0.0529	0.0144	0.0244	9.51	34.87	20.59	0.00	-0.30	-1.18	0.0
38749	515.8	-48.6	-475.4	108.5	-260.1	334.8	0.0538	0.0140	0.0244	10.81	41.46	23.78	0.00	-0.45	-1.30	0.0
38765	-96.8	-64.0	-1836.5	-54.4	551.3	332.6	0.0101	0.0135	0.0127	8.03	6.01	6.38	0.00	-0.11	-2.13	0.0
38766	-91.2	-63.7	-1840.8	-55.7	541.7	346.2	0.0107	0.0132	0.0127	7.67	6.24	6.48	0.00	-0.10	-2.14	0.0
38797	-102.7	-92.4	-1905.9	-45.4	601.3	373.8	0.0100	0.0136	0.0127	11.01	8.07	8.63	0.00	-0.17	-2.26	0.0
38798	-94.8	-90.4	-1909.8	-44.2	587.6	387.7	0.0105	0.0133	0.0127	10.66	8.47	8.85	0.00	-0.16	-2.27	0.0
38829	-389.2	-236.6	-2069.4	-176.3	911.0	523.8	0.0098	0.0137	0.0127	2.72	1.95	2.10	0.00	-0.15	-2.62	0.0
38830	-378.7	-244.7	-2080.8	-182.4	898.4	553.3	0.0104	0.0134	0.0127	2.58	2.00	2.11	0.00	-0.15	-2.64	0.0
38891	1669.2	323.3	-211.8	16.0	-292.3	237.7	0.0548	0.0135	0.0244	31.28	126.95	70.13	0.00	-1.31	-2.05	0.0
38892	1857.8	444.6	-218.5	430.0	-284.1	286.7	0.0554	0.0154	0.0244	36.03	129.41	81.69	0.00	-1.50	-2.40	0.0
38923	1101.2	152.9	-433.6	-61.4	-251.0	303.4	0.0546	0.0136	0.0244	21.11	84.96	47.20	0.00	-0.90	-1.74	0.0
38924	1340.4	281.1	-437.1	309.5	-230.9	381.9	0.0552	0.0133	0.0244	25.95	107.90	58.64	0.00	-1.02	-2.09	0.0
38955	801.6	-32.3	-562.5	132.9	-223.9	360.0	0.0545	0.0137	0.0244	15.50	61.87	34.56	0.00	-0.70	-1.63	0.0
38956	916.4	13.0	-631.8	315.3	-218.3	500.9	0.0551	0.0134	0.0244	18.49	76.16	41.66	0.00	-0.77	-1.99	0.0
38965	-52.3	-90.5	-1798.6	-92.9	501.6	432.5	0.0148	0.0112	0.0127	5.92	7.82	6.88	0.00	-0.08	-2.12	0.0
39016	96.9	-124.9	-1674.9	13.3	-52.0	558.9	0.0266	0.0051	0.0127	3.71	19.44	7.76	0.00	-0.04	-1.96	0.0
39017	89.0	-126.7	-1707.9	-7.1	43.2	566.7	0.0264	0.0052	0.0127	3.45	17.60	7.17	0.00	-0.04	-1.98	0.0
39018	79.7	-126.4	-1738.6	-16.7	89.9	571.1	0.0260	0.0054	0.0127	3.38	16.33	6.91	0.00	-0.04	-2.01	0.0
39019	69.1	-124.3	-1766.6	-27.3	137.5	571.8	0.0254	0.0057	0.0127	3.39	15.18	6.77	0.00	-0.04	-2.04	0.0
39020	57.2	-120.5	-1791.9	-37.7	184.8	568.8	0.0246	0.0060	0.0127	3.46	14.10	6.71	0.00	-0.04	-2.07	0.0
39021	44.1	-115.2	-1814.2	-47.0	231.0	562.2	0.0237	0.0065	0.0127	3.61	13.14	6.73	0.00	-0.05	-2.10	0.0
39022	30.2	-108.9	-1833.3	-54.6	275.2	552.1	0.0227	0.0070	0.0127	3.80	12.26	6.78	0.00	-0.05	-2.12	0.0
39023	15.6	-101.8	-1848.8	-60.5	316.7	538.8	0.0215	0.0076	0.0127	4.05	11.44	6.85	0.00	-0.06	-2.14	0.0
39024	0.8	-94.4	-1860.7	-64.5	355.1	522.6	0.0202	0.0082	0.0127	4.34	10.67	6.92	0.00	-0.06	-2.15	0.0
39025	-13.9	-87.2	-1868.7	-66.6	389.9	503.8	0.0189	0.0089	0.0127	4.68	9.94	6.96	0.00	-0.07	-2.17	0.0
39026	-84.8	-64.2	-1847.1	-58.3	529.6	367.7	0.0116	0.0127	0.0127	7.21	6.57	6.59	0.00	-0.10	-2.15	0.0
39027	-75.6	-65.7	-1855.4	-60.9	512.3	392.3	0.0128	0.0121	0.0127	6.64	7.00	6.69	0.00	-0.10	-2.16	0.0
39028	-66.1	-67.9	-1863.7	-63.3	493.0	416.3	0.0141	0.0115	0.0127	6.09	7.44	6.74	0.00	-0.09	-2.16	0.0
39034	-58.9	-82.3	-1818.1	-82.8	511.2	427.5	0.0143	0.0114	0.0127	6.35	7.97	7.15	0.00	-0.09	-2.14	0.0
39035	-28.1	-80.8	-1872.2	-67.5	420.4	484.2	0.0176	0.0096	0.0127	5.03	9.25	6.96	0.00	-0.08	-2.17	0.0
39038	-41.7	-75.5	-1872.3	-67.2	447.3	462.8	0.0163	0.0102	0.0127	5.39	8.59	6.91	0.00	-0.08	-2.17	0.0
39041	-54.4	-71.3	-1869.7	-65.6	471.1	440.4	0.0150	0.0109	0.0127	5.79	7.98	6.83	0.00	-0.09	-2.17	0.0
39043	-49.3	-85.7	-1822.1	-83.4	494.5	443.1	0.0152	0.0110	0.0127	6.03	8.35	7.20	0.00	-0.09	-2.15	0.0
39052	-106.1	-129.7	-1743.4	-124.2	499.1	455.4	0.0146	0.0113	0.0127	2.35	3.04	2.70	0.00	-0.05	-2.04	0.0
39103	63.0	-147.5	-1669.3	15.2	-58.1	617.1	0.0266	0.0051	0.0127	2.79	14.60	5.83	0.00	-0.01	-1.96	0.0
39104	54.8	-149.4	-1701.1	-6.3	36.7	625.5	0.0264	0.0052	0.0127	2.79	14.19	5.78	0.00	-0.02	-2.00	0.0
39105	45.5	-149.0	-1732.2	-14.5	86.1	630.5	0.0260	0.0054	0.0127	3.03	14.62	6.19	0.00	-0.04	-2.04	0.0
39106	35.2	-146.5	-1762.4	-23.0	136.5	632.0	0.0254	0.0057	0.0127	3.32	14.83	6.63	0.00	-0.05	-2.07	0.0
39107	24.0	-141.9	-1791.3	-32.4	186.7	629.6	0.0246	0.0061	0.0127	3.61	14.61	6.98	0.00	-0.07	-2.11	0.0
39108	12.0	-135.5	-1818.8	-40.5	236.1	623.5	0.0237	0.0065	0.0127	3.94	14.27	7.34	0.00	-0.08	-2.15	0.0
39109	-0.3	-127.8	-1844.5	-46.4	283.6	613.3	0.0226	0.0071	0.0127	4.35	13.90	7.73	0.00	-0.09	-2.18	0.0
39110	-12.4	-119.0	-1868.0	-50.0	328.5	599.1	0.0214	0.0077	0.0127	4.84	13.52	8.15	0.00	-0.10	-2.21	0.0
39111	-23.6	-109.7	-1888.8	-51.0	369.8	581.0	0.0201	0.0083	0.0127	5.42	13.14	8.58	0.00	-0.11	-2.24	0.0
39112	-33.0	-99.8	-1906.4	-49.0	406.4	558.7	0.0188	0.0090	0.0127	6.12	12.83	9.05	0.00	-0.13	-2.26	0.0
39113	-83.7	-88.3	-1915.7	-42.6	568.5	410.6	0.0114	0.0128	0.0127	10.29	9.16	9.25	0.00	-0.17	-2.28	0.0
39114	-70.4	-84.6	-1923.3	-38.5	541.3	434.6	0.0126	0.0122	0.0127	9.77	10.08	9.71	0.00	-0.17	-2.28	0.0
39115	-57.3	-80.7	-1930.2	-34.2	511.1	456.1	0.0135	0.0116	0.0127	9.47	11.01	10.06	0.00	-0.17	-2.29	0.0
39121	-122.1	-130.4	-1786.5	-116.0	538.1	472.1	0.0141	0.0115	0.0127	3.22	3.95	3.57	0.00	-0.06	-2.11	0.0
39122	-39.9	-90.9	-1918.9	-45.1	437.3	534.6	0.0174	0.0096	0.0127	6.94	12.56	9.53	0.00	-0.14	-2.27	0.0
39125	-46.1	-84.7	-1926.7	-40.9	464.3	508.2	0.0161	0.0103	0.0127	7.74	12.11	9.82	0.00	-0.15	-2.28	0.0
39128	-50.1	-79.6	-1931.4	-35.1	486.2	479.8	0.0148	0.0110	0.0127	8.67	11.70	10.09	0.00	-0.16	-2.29	0.0
39130	-110.1	-136.4	-1787.7	-116.8	518.7	489.2	0.0150	0.0111	0.0127	3.05	4.13	3.60	0.00	-0.06	-2.11	0.0
39139	-152.2	-155.9	-1635.9	-171.1	429.7	417.9	0.0144	0.0114	0.0127	1.21	1.52	1.36	0.00	-0.11	-1.89	0.0
39190	-13.7	-366.3	-1694.2	20.2	-62.1	798.2	0.0266	0.0051	0.0127	0.41	2.14	0.86	0.00	-0.03	-2.08	0.0
39191	-23.1	-372.4	-1726.0	-26.3	41.8	808.8	0.0264	0.0052	0.0127	0.25	1.29	0.53	0.00	-0.03	-2.11	0.0
39192	-35.3	-376.1	-1759.6	-49.6	102.2	817.8	0.0259	0.0054	0.0127	0.13	0.63	0.27	0.00	-0.03	-2.15	0.0
39193	-50.7	-377.3	-1795.1	-72.6	164.9	824.8	0.0253	0.0057	0.0127	0.07	0.29	0.13	0.00	-0.04	-2.19	0.0
39194	-69.6	-376.0	-1832.3	-94.8	229.4	829.7	0.0245	0.0061	0.0127	0.05	0.22	0.10	0.00	-0.04	-2.24	0.0
39195	-91.9	-372.5	-1871.2	-116.0	295.5	832.2	0.0236	0.0066	0.0127	0.09	0.32	0.16	0.00	-0.05	-2.29	0.0
39196	-117.5	-367.0	-1912.0	-135.6	363.1	832.1	0.0225	0.0071	0.0127	0.17	0.53	0.29	0.00	-0.06	-2.35	0.0
39197	-146.2	-360.0	-1954.7	-153.2	432.3	829.4	0.0213	0.0077	0.0127	0.29	0.80	0.49	0.00	-0.07	-2.41	0.0
39198	-177.6	-352.0	-1999.6	-168.3	503.0	824.0	0.0200	0.0084	0.0127	0.48	1.14	0.75	0.00	-0.08	-2.47	0.0
39199	-211.1	-343.2	-2047.6	-180.3	576.1	816.2	0.0187	0.0090	0.0127	0.79	1.64	1.16	0.00	-0.10	-2.55	0.0
39200	-366.1	-257.0	-2101.3	-189.2	885.2	596.8	0.0112	0.0129	0.0127	2.69	2.34	2.38	0.00	-0.15	-2.67	0.0
39201	-349.6	-277.2	-2132.0	-194.6	862.9	654.2	0.0124	0.0123	0.0127	2.66	2.68	2.61	0.00	-0.15	-2.71	0.0
39202	-331.9	-299.1	-2166.2	-197.0	835.7	712.8	0.0133	0.0117	0.0127	2.74	3.12	2.88	0.00	-0.16	-2.75	0.0
39208	-198.2	-179.8	-1669.7	-184.6	491.3	453.2	0.0139	0.0116	0.0127				0.00	-0.09	-1.95	
39209	-243.5	-333.5	-2090.4	-189.0	648.2	804.2	0.0173	0.0097	0.0127	1.29	2.30	1.76	0.00	-0.12	-2.62	0.0
39212	-275.1	-323.7	-2127.9	-194.2	715.5	784.2	0.0160	0.0104	0.0127	1.76	2.70	2.21	0.00	-0.13	-2.68	0.0
39215	-307.2	-314.5	-2166.1	-196.2	782.9	760.6	0.0146	0.0110	0.0127	2.39	3.17	2.76	0.00	-0.15	-2.74	0.0
39217	-182.4	-189.7	-1668.1	-186.1	473.6	467.1	0.0144	0.0112	0.0127	0.03	0.03	0.03	0.00	-0.09	-1.95	0.0
39233	-137.6	-75.7	-1958.0	36.6	633.1	-197.0	0.0066	0.0152	0.0127	9.88	4.31	5.16	0.00	-0.13	-2.24	0.0
39249	-138.1	-75.4	-1940.4	35.1	630.9	-180.8	0.0064	0.0153	0.0127	10.00	4.19	5.06	0.00	-0.13	-2.22	0.0
39265	-150.4	-107.7	-2032.2	37.4	705.9	-218.9	0.0066	0.0152	0.0127	13.80	5.99	7.19	0.00	-0.18	-2.38	0.0
39281	-151.4	-106.9	-2014.7	36.5	704.8	-199.8	0.0064	0.0153	0.0127	14.00	5.85	7.07	0.00	-0.18	-2.36	0.0
39297	-482.8	-211.3	-2182.6	112.7	1041.8	-284.7	0.0066	0.0153	0.0127	2.12	0.92	1.10	0.00	-0.19	-2.73	0.0
39313	-482.2	-206.2	-2162.7	102.1	1039.3	-255.1	0.0064	0.0154	0.0127	2.45	1.02	1.23	0.00	-0.19	-2.70	0.0
39314	1559.8	171.2	10.3	-217.6	-270.7	-161.9	0.0513	0.0152	0.0244	31.77	107.01	66.71	0.00	-1.36	-1.79	0.0
39330	1504.0	140.1	49.8	131.2	-260.5	-132.5	0.0511	0.0153	0.0244	30.63	102.06	64.06	0.00	-1.38	-1.62	0.0
39346	1059.8	109.0	-272.7	-202.7	-244.2	-203.0	0.0513	0.0152	0.0244	22.04	74.15	46.26	0.00	-0.94	-1.55	0.0
39362	988.4	58.9	-254.1	150.9	-242.6	-99.7	0.0511	0.0153	0.0244	20.78	69.19	43.45	0.00	-1.02	-1.38	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
39378	774.5	55.5	-437.2	-137.4	-230.7	-238.3	0.0513	0.0153	0.0244	16.16	54.31	33.91	0.00	-0.68	-1.41	0.0
39394	736.9	34.5	-413.4	-52.2	242.4	-86.4	0.0511	0.0154	0.0244	15.51	51.58	32.41	0.00	-0.75	-1.27	0.0
39425	-127.3	-77.7	-2114.0	49.5	639.8	-318.8	0.0093	0.0139	0.0127	8.26	5.54	6.06	0.00	-0.13	-2.42	0.0
39441	-131.1	-77.2	-2068.2	45.9	640.2	-285.6	0.0084	0.0143	0.0127	8.78	5.16	5.82	0.00	-0.13	-2.37	0.0
39457	-134.3	-76.7	-2025.2	42.4	639.0	-253.2	0.0077	0.0147	0.0127	9.26	4.81	5.58	0.00	-0.13	-2.32	0.0
39473	-136.5	-76.3	-1985.8	39.2	636.1	-221.6	0.0070	0.0150	0.0127	9.65	4.50	5.33	0.00	-0.13	-2.27	0.0
39489	-134.4	-112.6	-2187.4	42.6	698.3	-360.4	0.0092	0.0140	0.0127	11.53	7.60	8.34	0.00	-0.19	-2.56	0.0
39505	-140.0	-111.6	-2141.7	41.8	703.5	-322.3	0.0083	0.0144	0.0127	12.20	7.06	8.00	0.00	-0.19	-2.51	0.0
39521	-144.9	-110.4	-2098.9	40.6	706.5	-284.9	0.0076	0.0148	0.0127	12.86	6.61	7.68	0.00	-0.19	-2.46	0.0
39537	-148.4	-108.9	-2059.9	39.1	706.8	-248.0	0.0070	0.0151	0.0127	13.44	6.23	7.38	0.00	-0.18	-2.41	0.0
39553	-473.1	-268.8	-2363.7	181.1	1043.2	-508.9	0.0091	0.0140	0.0127				0.00	-0.17	-2.94	
39569	-478.1	-249.5	-2309.0	164.4	1046.0	-446.5	0.0082	0.0144	0.0127	0.43	0.25	0.28	0.00	-0.17	-2.87	0.0
39585	-481.4	-232.9	-2258.7	146.6	1046.6	-386.6	0.0075	0.0148	0.0127	1.03	0.53	0.61	0.00	-0.18	-2.82	0.0
39601	-482.7	-219.1	-2213.8	127.8	1044.6	-328.7	0.0069	0.0151	0.0127	1.66	0.76	0.91	0.00	-0.18	-2.77	0.0
39602	1008.2	241.5	-502.1	70.3	-446.4	-319.3	0.0451	0.0139	0.0244	25.67	83.27	47.34	0.00	-0.85	-1.87	0.0
39618	646.3	126.3	-462.8	-137.2	-490.8	-273.0	0.0442	0.0143	0.0244	18.88	58.14	34.12	0.00	-0.60	-1.59	0.0
39634	653.5	137.0	-347.0	-160.0	-454.9	-243.4	0.0434	0.0147	0.0244	19.25	56.72	34.18	0.00	-0.60	-1.46	0.0
39650	1047.4	229.7	-152.7	-370.3	-329.2	-229.6	0.0428	0.0150	0.0244	28.75	81.72	50.31	0.00	-0.93	-1.64	0.0
39666	349.7	28.0	-736.7	139.1	-361.2	-358.3	0.0449	0.0140	0.0244	12.79	41.20	23.53	0.00	-0.56	-1.52	0.0
39682	-48.1	-10.5	-732.1	-114.1	-316.5	-303.5	0.0441	0.0144	0.0244	2.27	6.97	4.10	0.00	-0.03	-1.07	0.0
39698	-11.2	9.9	-624.0	-143.5	-312.1	-292.8	0.0433	0.0148	0.0244	3.31	9.71	5.86	0.00	-0.04	-1.02	0.0
39714	478.5	150.2	-422.7	-389.8	-275.1	-325.8	0.0427	0.0151	0.0244	17.31	49.12	30.28	0.00	-0.56	-1.46	0.0
39730	465.5	-70.0	-711.4	-103.3	-379.3	-364.1	0.0448	0.0140	0.0244	12.88	41.18	23.62	0.00	-0.49	-1.56	0.0
39746	345.0	-30.0	-594.1	-128.6	-382.5	-353.5	0.0440	0.0144	0.0244	10.94	33.34	19.69	0.00	-0.35	-1.38	0.0
39762	375.6	-3.9	-477.4	-138.1	-371.7	-352.6	0.0433	0.0148	0.0244	11.90	34.82	21.07	0.00	-0.34	-1.31	0.0
39778	558.5	59.5	-425.4	-231.2	-300.4	-383.0	0.0427	0.0151	0.0244	15.78	44.69	27.58	0.00	-0.41	-1.42	0.0
39809	-119.6	-78.7	-2180.6	53.6	633.5	-361.7	0.0107	0.0132	0.0127	7.49	6.09	6.32	0.00	-0.12	-2.50	0.0
39825	-123.4	-78.0	-2151.4	51.8	637.7	-342.9	0.0101	0.0135	0.0127	7.84	5.87	6.24	0.00	-0.13	-2.47	0.0
39841	-122.3	-111.3	-2254.0	40.5	683.4	-406.9	0.0105	0.0133	0.0127	10.74	8.53	8.91	0.00	-0.19	-2.63	0.0
39857	-128.9	-112.4	-2225.1	41.9	692.0	-387.5	0.0100	0.0136	0.0127	11.03	8.09	8.64	0.00	-0.19	-2.60	0.0
39873	-462.5	-300.1	-2450.6	201.4	1035.1	-597.3	0.0104	0.0134	0.0127				-0.01	-0.17	-3.04	
39889	-468.0	-286.8	-2411.0	193.1	1039.2	-558.5	0.0098	0.0137	0.0127				0.00	-0.17	-2.99	
39890	1860.2	460.7	-502.6	-437.3	-447.0	-271.1	0.0554	0.0154	0.0244	36.76	132.05	83.35	0.00	-1.56	-2.73	0.0
39906	1666.7	335.3	-471.2	-20.6	-447.9	-254.9	0.0548	0.0135	0.0244	32.07	130.17	71.91	0.00	-1.36	-2.39	0.0
39922	1339.7	284.3	-710.7	-312.7	-390.1	-374.0	0.0552	0.0133	0.0244	26.50	110.21	59.90	0.00	-1.08	-2.40	0.0
39938	1090.0	152.2	-680.1	66.4	-404.3	-328.5	0.0546	0.0136	0.0244	21.90	88.10	48.95	0.00	-0.97	-2.06	0.0
39954	888.9	-16.1	-896.3	-334.9	-377.8	-513.3	0.0551	0.0134	0.0244	18.60	76.60	41.90	0.00	-0.83	-2.27	0.0
39970	772.2	-58.4	-790.0	-134.6	-373.3	-385.0	0.0545	0.0137	0.0244	15.77	62.95	35.17	0.00	-0.75	-1.90	0.0
39994	422.2	-8.9	-1479.0	-344.0	-412.8	-371.2	0.0148	0.0112	0.0244	42.74	56.49	25.83	0.00	-0.65	-2.31	0.0
40045	85.2	-178.7	-2449.1	-30.3	-98.2	-753.2	0.0266	0.0051	0.0127	3.35	17.55	7.01	0.00	-0.04	-2.77	0.0
40046	90.3	-172.2	-2407.6	-47.6	-148.6	-736.4	0.0264	0.0052	0.0127	3.77	19.20	7.82	0.00	-0.05	-2.74	0.0
40047	93.7	-163.2	-2359.9	-64.4	-198.3	-714.7	0.0260	0.0054	0.0127	4.25	20.53	8.69	0.00	-0.06	-2.70	0.0
40048	96.0	-151.9	-2306.3	-80.1	-245.3	-688.9	0.0254	0.0057	0.0127	4.82	21.56	9.62	0.00	-0.07	-2.66	0.0
40049	97.7	-138.8	-2247.3	-94.8	-287.5	-660.2	0.0246	0.0060	0.0127	5.48	22.31	10.62	0.00	-0.09	-2.61	0.0
40050	99.3	-124.2	-2183.1	-108.4	-323.5	-629.6	0.0237	0.0065	0.0127	6.26	22.82	11.68	0.00	-0.10	-2.56	0.0
40051	101.0	-108.3	-2113.8	-121.1	-352.7	-598.1	0.0227	0.0070	0.0127	7.18	23.14	12.81	0.00	-0.11	-2.50	0.0
40052	103.3	-91.0	-2039.2	-133.0	-375.1	-567.0	0.0215	0.0076	0.0127	8.28	23.37	14.00	0.00	-0.12	-2.44	0.0
40053	106.5	-71.8	-1958.4	-144.7	-391.0	-537.2	0.0202	0.0082	0.0127	9.60	23.58	15.29	0.00	-0.14	-2.37	0.0
40054	111.2	-50.3	-1869.1	-156.5	-401.0	-509.7	0.0189	0.0089	0.0127	11.26	23.93	16.76	0.00	-0.15	-2.30	0.0
40055	1117.8	495.5	-771.5	-769.5	-406.9	-366.4	0.0563	0.0150	0.0244	29.21	109.79	67.30	0.00	-1.39	-2.70	0.0
40056	260.4	222.5	-1141.6	-354.4	-406.8	-421.6	0.0128	0.0121	0.0244	46.52	49.10	24.40	0.00	-0.44	-2.00	0.0
40057	182.5	102.6	-1345.9	-242.0	-408.3	-436.1	0.0141	0.0115	0.0244	27.62	33.74	15.91	0.00	-0.25	-1.98	0.0
40063	402.1	35.7	-1419.0	-361.7	-411.5	-375.3	0.0143	0.0114	0.0244	44.60	55.99	26.12	0.00	-0.63	-2.27	0.0
40064	117.0	-24.9	-1769.6	-169.1	-406.1	-485.7	0.0176	0.0096	0.0127	13.33	24.52	18.46	0.00	-0.16	-2.22	0.0
40067	125.3	3.7	-1654.9	-184.0	-408.1	-465.4	0.0163	0.0102	0.0127	16.08	25.61	20.60	0.00	-0.18	-2.14	0.0
40070	136.0	40.2	-1515.9	-204.6	-408.2	-449.2	0.0150	0.0109	0.0127	20.04	27.58	23.61	0.00	-0.20	-2.04	0.0
40072	307.1	11.8	-1512.3	-311.0	-418.3	-400.2	0.0152	0.0110	0.0244	34.00	47.07	21.12	0.00	-0.50	-2.24	0.0
40081	340.0	-63.8	-1424.1	-336.1	-403.3	-388.1	0.0146	0.0113	0.0244	37.50	48.43	22.34	0.00	-0.60	-2.19	0.0
40132	32.8	-213.5	-2430.8	-31.6	-105.4	-826.6	0.0266	0.0051	0.0127	2.30	12.06	4.81	0.00	-0.02	-2.77	0.0
40133	39.4	-206.1	-2393.5	-47.8	-156.4	-809.3	0.0264	0.0052	0.0127	2.34	11.94	4.86	0.00	-0.01	-2.73	0.0
40134	45.2	-195.5	-2351.8	-63.4	-207.6	-787.2	0.0260	0.0054	0.0127	2.55	12.31	5.21	0.00	-0.01	-2.69	0.0
40135	50.6	-182.3	-2305.9	-77.8	-257.1	-761.0	0.0254	0.0057	0.0127	3.12	13.94	6.23	0.00	-0.02	-2.66	0.0
40136	56.2	-166.8	-2255.6	-91.1	-301.6	-731.6	0.0246	0.0061	0.0127	3.87	15.67	7.49	0.00	-0.03	-2.62	0.0
40137	62.5	-149.4	-2201.1	-103.0	-339.7	-700.0	0.0237	0.0065	0.0127	4.75	17.19	8.84	0.00	-0.05	-2.58	0.0
40138	69.9	-130.2	-2141.9	-113.8	-370.6	-667.2	0.0226	0.0071	0.0127	5.79	18.48	10.28	0.00	-0.06	-2.53	0.0
40139	78.6	-109.5	-2077.3	-123.5	-394.0	-634.4	0.0214	0.0077	0.0127	7.00	19.56	11.80	0.00	-0.07	-2.48	0.0
40140	88.7	-86.9	-2005.7	-132.7	-410.0	-602.6	0.0201	0.0083	0.0127	8.45	20.49	13.38	0.00	-0.09	-2.43	0.0
40141	100.8	-61.4	-1924.4	-140.9	-418.3	-572.9	0.0188	0.0090	0.0127	10.18	21.34	15.06	0.00	-0.10	-2.36	0.0
40142	815.9	322.7	-929.5	-588.1	-372.7	-501.8	0.0561	0.0151	0.0244	21.52	80.11	49.42	0.00	-0.95	-2.47	0.0
40143	207.3	144.9	-1226.9	-291.1	-397.2	-515.5	0.0573	0.0122	0.0244	8.22	38.51	19.29	0.00	-0.29	-2.00	0.0
40144	168.6	69.2	-1417.2	-206.0	-406.0	-514.9	0.0135	0.0116	0.0127	24.50	28.49	26.03	0.00	-0.15	-2.02	0.0
40150	316.4	-36.1	-1385.4	-348.2	-418.0	-419.5	0.0141	0.0115	0.0244	38.46	47.19	22.21	0.00	-0.56	-2.18	0.0
40151	113.4	-33.3	-1830.3	-149.3	-420.1	-547.6	0.0174	0.0096	0.0127	12.23	22.13	16.78	0.00	-0.10	-2.29	0.0
40154	125.1	-5.2	-1718.6	-160.6	-418.0	-528.4	0.0161	0.0103	0.0127	14.71	23.02	18.66	0.00	-0.11	-2.20	0.0
40157	136.1	27.7	-1582.4	-175.1	-411.5	-516.4	0.0148	0.0110	0.0127	17.98	24.27	20.94	0.00	-0.12	-2.10	0.0
40159	244.3	-57.0	-1481.9	-313.2	-427.2	-443.9	0.0150	0.0111	0.0244	30.18	40.88	18.51	0.00	-0.46	-2.19	0.0
40168	256.6	-108.4	-1348.1	-319.2	-355.5	-354.5	0.0144	0.0114	0.0244	31.54	39.84	18.54	0.00	-0.56	-2.00	0.0
40219	-83.3	-548.7	-2465.4	-52.4	-120.7	-1072.8	0.0266	0.0051	0.0127				-0.07	-0.08	-2.95	
40220	-79.1	-534.6	-2432.1	-85.5	-182.7	-1054.4	0.0264	0.0052	0.0127				-0.06	-0.07	-2.92	
40221	-77.4	-516.9	-2397.5	-117.1	-245.5	-1033.0	0.0259	0.0054	0.0127				-0.05	-0.06	-2.88	
40222	-77.4	-496.1	-2361.4	-146.6	-308.4	-1008.9	0.0253	0.0057	0.0127				-0.03	-0.06	-2.84	
40223	-78.0	-472.4	-2323.8	-173.7	-367.3	-983.0	0.0245	0.0061	0.0127				-0.01	-0.05	-2.81	
40224	-78.0	-446.4	-2284.5	-198.1	-420.7	-955.9	0.0236	0.0066	0.0127	0.35	1.27	0.66	0.00	-0.05	-2.78	0.0
40225	-76.2	-418.7	-2242.9	-220.0	-468.3	-928.8	0.0225	0.0071	0.0127	1.41	4.48	2.50	0.00	-0.07	-2.77	0.0
40226	-71.2	-389.7	-2198.6	-239.4	-510.0	-902.7	0.0213	0.0077	0.0127	2.75	7.59	4.60	0.00	-0.08	-2.75	0.0
40227	-61.4	-359.8	-2150.1	-256.8	-545.9	-878.8	0.0200	0.0084	0.0127	4.45	10.67	7.01	0.00	-0.10	-2.74	0.0
40228	-44.7	-329.3	-2094.8	-272.6	-576.6	-859.6	0.0187	0.0090	0.0127	6.70	13.85	9.84	0.00	-0.12	-2.73	0.0
40229	578.4	-51.0	-1119.8	-520.3	-448.6	-726.0	0.0559	0.0129	0.0244	15.60	67.48	35.71	0.00	-0.67	-2.54	0.0
40230	213.5	-139.4	-1391.6	-392.3	-550.8	-776.1	0.0571	0.0123	0.0244	8.22	38.06	19.20	0.00	-0.29	-2.44	0.0
40231	138.7	-194.6	-1623.8	-349.2	-597.5	-805.0	0.0133	0.0117	0.0127	27.55	31.37	28.88	0.00	-0.22	-2.56	0.0
40237	238.8	-115.9	-1314.2	-342.4	-380.0	-411.6	0.0139	0.0116	0.0244	32.76	39.31	18.66	0.00	-0.54	-2.02	0.0
40238	-18.4	-297.9	-2022.8	-287.4	-599.7	-842.9	0.0173	0.0097	0.0127	9.73	17.34	13.25	0.00	-0.13	-2.71	0.0
40241	17.6	-266.5	-1927.7	-302.9	-611.7	-829.0	0.0160	0.0104	0.0127	13.71	21.07	17.22	0.00	-0.16	-2.68	0.0
40244	64.5	-234.7	-1804.8	-321.6	-615.3	-824.5	0.0146	0.0110	0.0127	19.06	25.23	21.94	0.00	-0.18	-2.64	0.0
40246	187.0	-133.8	-1399.5	-326.9	-390.6	-427.7	0.0144	0.0112	0.0127	27.67	35.75	31.38	0.00	-0.49	-2.05	0.0
40255	451.4	7.4	-1045.6	329.5	-284.2	336.9	0.0148	0.0112	0.0244	42.76	56.69	25.89	0.00	-0.63	-1.86	0.0
40306	103.8	-121.4	-1640.0	26.8	-82.2	548.2	0.0266	0.0051	0.0127	4.05	21.22	8.47	0.00	-0.05	-1.93	0.0
40307	109.7	-116.1	-1603.2	40.4	-111.5	534.8	0.0264	0.0052	0.0127	4.45	22.69	9.24	0.00	-0.06	-1.90	0.0
40308	115.0	-109.3	-1565.1	53.7	-141.1	519.4	0.0260	0.0054	0.0127	4.93	23.85	10.08	0.00	-0.07	-1.87	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
40309	119.8	-101.2	-1525.6	66.7	-169.8	502.7	0.0254	0.0057	0.0127	5.50	24.68	11.00	0.00	-0.08	-1.84	0.0
40310	124.4	-92.0	-1485.0	79.5	-195.7	485.3	0.0246	0.0060	0.0127	6.19	25.22	11.99	0.00	-0.10	-1.81	0.0
40311	129.0	-81.7	-1443.1	92.0	-217.8	467.9	0.0237	0.0065	0.0127	6.99	25.52	13.05	0.00	-0.11	-1.79	0.0
40312	133.6	-70.3	-1399.7	104.3	-235.9	451.3	0.0227	0.0070	0.0127	7.94	25.64	14.17	0.00	-0.12	-1.76	0.0
40313	138.4	-57.6	-1354.2	116.7	-249.9	436.0	0.0215	0.0076	0.0127	9.07	25.67	15.36	0.00	-0.13	-1.73	0.0
40314	143.4	-43.0	-1305.2	129.4	-260.2	422.7	0.0203	0.0082	0.0127	10.45	25.70	16.65	0.00	-0.14	-1.70	0.0
40315	149.2	-26.0	-1250.2	142.5	-267.1	412.0	0.0189	0.0089	0.0127	12.16	25.89	18.12	0.00	-0.16	-1.66	0.0
40316	1129.0	480.3	-426.3	752.2	-263.9	390.0	0.0563	0.0150	0.0244	28.84	108.41	66.45	0.00	-1.33	-2.36	0.0
40317	293.9	220.0	-725.8	345.4	-282.4	412.7	0.0128	0.0121	0.0244	47.47	50.12	24.91	0.00	-0.43	-1.61	0.0
40318	218.2	107.8	-882.2	233.2	-280.4	405.7	0.0141	0.0115	0.0244	28.70	35.07	16.53	0.00	-0.25	-1.52	0.0
40324	430.3	48.1	-983.2	348.2	-282.3	343.0	0.0143	0.0114	0.0244	44.64	56.17	26.18	0.00	-0.61	-1.81	0.0
40325	155.3	-4.9	-1186.6	156.5	-271.6	404.3	0.0176	0.0096	0.0127	14.29	26.32	19.80	0.00	-0.17	-1.62	0.0
40328	163.3	19.3	-1109.2	172.8	-274.7	400.2	0.0163	0.0102	0.0127	17.10	27.26	21.92	0.00	-0.18	-1.58	0.0
40331	173.2	51.4	-1009.3	194.7	-277.3	400.6	0.0150	0.0109	0.0127	21.13	29.11	24.91	0.00	-0.20	-1.54	0.0
40333	338.8	26.6	-1050.2	297.5	-286.8	357.9	0.0152	0.0110	0.0244	34.30	47.62	21.34	0.00	-0.49	-1.76	0.0
40342	381.3	-31.9	-1018.7	314.3	-272.6	354.3	0.0146	0.0113	0.0244	38.09	49.20	22.70	0.00	-0.56	-1.77	0.0
40393	70.8	-143.4	-1636.7	28.4	-89.2	605.8	0.0266	0.0051	0.0127	2.89	15.16	6.05	0.00	-0.01	-1.93	0.0
40394	78.1	-137.4	-1603.4	41.7	-119.2	591.9	0.0264	0.0052	0.0127	3.28	16.71	6.81	0.00	-0.01	-1.91	0.0
40395	85.1	-129.3	-1570.0	54.7	-150.3	576.1	0.0260	0.0054	0.0127	3.81	18.38	7.79	0.00	-0.03	-1.88	0.0
40396	92.2	-119.7	-1536.3	67.2	-181.1	559.0	0.0254	0.0057	0.0127	4.45	19.87	8.88	0.00	-0.04	-1.86	0.0
40397	99.6	-108.5	-1502.2	79.2	-209.0	541.1	0.0246	0.0061	0.0127	5.21	21.11	10.08	0.00	-0.05	-1.84	0.0
40398	107.6	-96.1	-1467.3	90.8	-232.6	523.2	0.0237	0.0065	0.0127	6.10	22.10	11.36	0.00	-0.07	-1.82	0.0
40399	116.0	-82.4	-1431.1	102.0	-251.7	505.9	0.0226	0.0071	0.0127	7.16	22.86	12.72	0.00	-0.08	-1.80	0.0
40400	125.1	-67.4	-1392.5	113.0	-266.1	490.0	0.0214	0.0077	0.0127	8.40	23.45	14.14	0.00	-0.09	-1.78	0.0
40401	134.6	-50.6	-1350.0	124.0	-276.0	476.2	0.0201	0.0083	0.0127	9.87	23.94	15.63	0.00	-0.10	-1.76	0.0
40402	144.8	-31.1	-1300.5	134.6	-281.4	465.4	0.0188	0.0090	0.0127	11.64	24.39	17.21	0.00	-0.11	-1.73	0.0
40403	827.6	319.6	-592.0	575.9	-234.0	516.6	0.0561	0.0151	0.0244	21.53	80.12	49.42	0.00	-0.91	-2.16	0.0
40404	235.7	150.2	-813.6	288.2	-273.7	501.1	0.0573	0.0122	0.0244	8.77	41.04	20.56	0.00	-0.31	-1.63	0.0
40405	199.6	79.5	-950.0	205.6	-278.3	481.0	0.0135	0.0116	0.0127	26.72	31.07	28.39	0.00	-0.17	-1.58	0.0
40411	358.9	-6.4	-971.4	327.1	-281.7	383.3	0.0141	0.0115	0.0244	39.18	48.07	22.62	0.00	-0.53	-1.75	0.0
40412	154.5	-8.7	-1240.9	145.4	-283.0	458.7	0.0174	0.0096	0.0127	13.75	24.88	18.87	0.00	-0.12	-1.69	0.0
40415	162.9	14.4	-1166.0	158.5	-282.7	457.9	0.0161	0.0103	0.0127	16.36	25.60	20.75	0.00	-0.13	-1.65	0.0
40418	170.2	42.2	-1069.5	174.7	-280.1	464.5	0.0148	0.0110	0.0127	19.90	26.86	23.17	0.00	-0.14	-1.60	0.0
40420	290.8	-23.2	-1041.6	292.0	-289.1	396.2	0.0150	0.0111	0.0244	31.17	42.22	19.11	0.00	-0.44	-1.73	0.0
40429	310.7	-64.5	-985.5	287.6	-237.0	333.6	0.0144	0.0114	0.0244	32.62	41.19	19.17	0.00	-0.51	-1.63	0.0
40480	-6.5	-357.5	-1663.4	45.8	-102.2	785.3	0.0266	0.0051	0.0127	0.42	2.21	0.88	0.00	-0.01	-2.05	0.0
40481	-0.7	-346.0	-1633.6	70.4	-139.6	770.5	0.0264	0.0052	0.0127	0.67	3.43	1.40	0.00	-0.01	-2.02	0.0
40482	3.9	-332.5	-1605.8	94.0	-178.4	755.2	0.0259	0.0054	0.0127	1.23	5.92	2.51	0.00	-0.02	-2.01	0.0
40483	8.0	-317.4	-1579.7	116.3	-218.4	739.8	0.0253	0.0057	0.0127	1.88	8.35	3.74	0.00	-0.03	-2.00	0.0
40484	12.5	-300.8	-1554.8	137.3	-255.9	724.8	0.0245	0.0061	0.0127	2.66	10.72	5.14	0.00	-0.04	-1.99	0.0
40485	18.0	-283.1	-1530.8	156.8	-289.8	710.9	0.0236	0.0066	0.0127	3.62	13.01	6.72	0.00	-0.06	-1.99	0.0
40486	25.6	-264.7	-1507.2	175.1	-319.9	698.7	0.0225	0.0071	0.0127	4.80	15.21	8.51	0.00	-0.07	-2.00	0.0
40487	36.2	-245.7	-1482.9	192.4	-346.4	689.1	0.0213	0.0077	0.0127	6.28	17.35	10.52	0.00	-0.09	-2.01	0.0
40488	51.0	-226.4	-1456.5	209.0	-369.7	683.1	0.0200	0.0084	0.0127	8.15	19.52	12.83	0.00	-0.10	-2.02	0.0
40489	71.6	-207.0	-1425.3	225.4	-390.2	682.7	0.0187	0.0090	0.0127	10.58	21.86	15.54	0.00	-0.12	-2.03	0.0
40490	638.0	-9.5	-762.6	483.5	-283.7	700.4	0.0559	0.0129	0.0244	16.12	69.71	36.89	0.00	-0.63	-2.21	0.0
40491	309.2	-83.3	-937.8	359.3	-376.0	718.1	0.0571	0.0123	0.0244	9.19	42.58	21.49	0.00	-0.27	-2.01	0.0
40492	247.3	-122.1	-1103.1	314.5	-408.7	718.6	0.0133	0.0117	0.0127	32.07	36.52	33.62	0.00	-0.21	-2.05	0.0
40498	302.4	-68.0	-944.1	307.1	-252.1	383.3	0.0139	0.0116	0.0244	34.25	41.11	19.51	0.00	-0.49	-1.65	0.0
40499	99.9	-187.2	-1381.4	242.2	-406.4	685.8	0.0173	0.0097	0.0127	13.77	24.53	18.75	0.00	-0.14	-2.05	0.0
40502	135.6	-167.8	-1318.9	260.6	-415.8	693.4	0.0160	0.0104	0.0127	17.91	27.53	22.49	0.00	-0.15	-2.06	0.0
40505	180.5	-148.1	-1232.1	282.9	-419.7	711.1	0.0146	0.0110	0.0127	23.48	31.09	27.03	0.00	-0.17	-2.06	0.0
40507	255.4	-80.0	-1004.8	290.4	-261.2	389.0	0.0144	0.0112	0.0127	29.41	38.00	33.35	0.00	-0.45	-1.65	0.0
40516	-89.1	-114.6	-2226.5	99.5	619.4	-476.1	0.0148	0.0112	0.0127	5.73	7.59	6.66	0.00	-0.11	-2.58	0.0
40567	78.3	-182.4	-2483.6	-12.9	-46.9	-764.3	0.0266	0.0051	0.0127	2.98	15.61	6.23	0.00	-0.03	-2.79	0.0
40568	69.5	-183.1	-2510.7	11.1	68.6	-769.1	0.0264	0.0052	0.0127	2.82	14.36	5.85	0.00	-0.03	-2.82	0.0
40569	58.4	-181.0	-2530.8	23.8	135.0	-767.7	0.0260	0.0054	0.0127	2.86	13.81	5.84	0.00	-0.04	-2.84	0.0
40570	45.4	-176.2	-2543.7	37.1	200.7	-760.0	0.0254	0.0057	0.0127	2.96	13.29	5.92	0.00	-0.04	-2.86	0.0
40571	30.6	-169.0	-2549.7	49.4	264.3	-746.3	0.0246	0.0060	0.0127	3.12	12.71	6.04	0.00	-0.05	-2.87	0.0
40572	14.6	-160.0	-2548.8	59.7	324.3	-727.1	0.0237	0.0065	0.0127	3.32	12.11	6.19	0.00	-0.06	-2.87	0.0
40573	-2.3	-149.7	-2541.2	67.6	379.9	-702.8	0.0227	0.0070	0.0127	3.56	11.49	6.35	0.00	-0.07	-2.87	0.0
40574	-19.3	-138.6	-2527.0	72.9	430.0	-674.4	0.0215	0.0076	0.0127	3.84	10.86	6.50	0.00	-0.08	-2.86	0.0
40575	-36.0	-127.4	-2506.4	75.8	474.2	-642.4	0.0203	0.0082	0.0127	4.16	10.22	6.62	0.00	-0.09	-2.84	0.0
40576	-52.0	-116.6	-2479.6	76.3	512.1	-607.7	0.0189	0.0089	0.0127	4.50	9.58	6.71	0.00	-0.09	-2.81	0.0
40577	-115.8	-80.4	-2221.0	57.2	628.2	-391.3	0.0116	0.0127	0.0127	7.00	6.39	6.40	0.00	-0.12	-2.54	0.0
40578	-109.3	-83.4	-2272.2	61.4	618.7	-427.0	0.0128	0.0121	0.0127	6.43	6.79	6.49	0.00	-0.12	-2.59	0.0
40579	-102.3	-87.4	-2322.9	65.6	605.9	-463.3	0.0141	0.0115	0.0127	5.87	7.18	6.51	0.00	-0.11	-2.65	0.0
40585	-94.8	-104.7	-2248.9	87.3	628.1	-471.1	0.0143	0.0114	0.0127	6.24	7.85	7.03	0.00	-0.11	-2.60	0.0
40586	-66.8	-107.2	-2446.9	75.5	543.2	-573.0	0.0176	0.0096	0.0127	4.85	8.93	6.72	0.00	-0.10	-2.78	0.0
40589	-80.2	-99.2	-2410.0	73.3	568.6	-537.0	0.0163	0.0102	0.0127	5.20	8.29	6.66	0.00	-0.10	-2.74	0.0
40592	-92.0	-92.8	-2369.1	69.8	589.1	-500.8	0.0150	0.0109	0.0127	5.59	7.70	6.59	0.00	-0.11	-2.70	0.0
40594	-85.8	-109.6	-2278.6	89.2	614.7	-495.4	0.0152	0.0110	0.0127	5.91	8.21	7.07	0.00	-0.11	-2.63	0.0
40603	-155.3	-168.7	-2143.7	138.6	616.9	-499.6	0.0146	0.0113	0.0127	1.42	1.84	1.63	0.00	-0.07	-2.46	0.0
40654	25.2	-217.7	-2462.8	-15.3	-53.1	-838.2	0.0266	0.0051	0.0127	2.29	11.99	4.79	0.00	-0.03	-2.80	0.0
40655	16.4	-218.6	-2489.3	9.2	62.6	-843.7	0.0264	0.0052	0.0127	2.40	12.20	4.97	0.00	-0.05	-2.83	0.0
40656	5.9	-216.0	-2510.9	20.0	132.0	-843.0	0.0260	0.0054	0.0127	2.66	12.81	5.43	0.00	-0.07	-2.86	0.0
40657	-5.9	-210.3	-2527.6	30.4	200.9	-835.9	0.0254	0.0057	0.0127	2.99	13.33	5.96	0.00	-0.08	-2.89	0.0
40658	-18.9	-201.6	-2539.4	41.0	267.8	-822.6	0.0246	0.0061	0.0127	3.33	13.48	6.44	0.00	-0.10	-2.91	0.0
40659	-32.5	-190.7	-2546.2	49.4	331.5	-803.3	0.0237	0.0065	0.0127	3.73	13.48	6.93	0.00	-0.11	-2.92	0.0
40660	-45.9	-178.0	-2548.0	54.8	390.8	-778.3	0.0226	0.0071	0.0127	4.20	13.42	7.47	0.00	-0.13	-2.93	0.0
40661	-58.5	-164.2	-2544.7	57.0	444.5	-748.0	0.0214	0.0077	0.0127	4.77	13.32	8.03	0.00	-0.14	-2.93	0.0
40662	-69.3	-149.8	-2536.1	56.0	491.8	-712.9	0.0201	0.0083	0.0127	5.43	13.18	8.61	0.00	-0.15	-2.93	0.0
40663	-77.0	-134.9	-2521.8	51.4	531.3	-672.9	0.0188	0.0090	0.0127	6.25	13.10	9.24	0.00	-0.17	-2.92	0.0
40664	-112.8	-110.5	-2295.0	38.6	670.5	-438.4	0.0114	0.0128	0.0127	10.44	9.29	9.39	0.00	-0.20	-2.68	0.0
40665	-101.2	-107.6	-2347.4	33.8	650.1	-474.0	0.0126	0.0122	0.0127	10.05	10.37	9.99	0.00	-0.20	-2.74	0.0
40666	-89.4	-104.2	-2398.1	28.8	624.6	-507.4	0.0135	0.0116	0.0127	9.87	11.47	10.48	0.00	-0.20	-2.79	0.0
40672	-172.4	-169.1	-2197.4	128.5	660.3	-521.4	0.0141	0.0115	0.0127	2.25	2.76	2.50	0.00	-0.09	-2.55	0.0
40673	-81.3	-121.5	-2500.2	44.7	562.1	-631.7	0.0174	0.0096	0.0127	7.19	13.01	9.87	0.00	-0.18	-2.90	0.0
40676	-84.4	-112.0	-2472.4	38.3	587.0	-588.9	0.0161	0.0103	0.0127	8.07	12.63	10.24	0.00	-0.19	-2.87	0.0
40679	-84.9	-103.9	-2439.7	30.3	604.6	-544.8	0.0148	0.0110	0.0127	9.09	12.27	10.59	0.00	-0.20	-2.83	0.0
40681	-161.6	-178.3	-2222.8	130.7	644.0	-548.0	0.0150	0.0111	0.0127	2.08	2.82	2.46	0.00	-0.08	-2.57	0.0
40690	-214.2	-206.7	-1996.8	196.2	534.1	-450.2	0.0144	0.0114	0.0127				-0.01	-0.15	-2.26	
40741	-90.3	-558.2	-2495.6	-18.1	-55.5	-1086.1	0.0266	0.0051	0.0127				-0.07	-0.09	-2.98	
40742	-100.7	-562.6	-2522.6	36.8	73.0	-1093.8	0.0264	0.0052	0.0127				-0.07	-0.10	-3.01	
40743	-115.4	-562.7	-2548.4	68.1	157.2	-1097.3	0.0259	0.0054	0.0127				-0.08	-0.11	-3.05	
40744	-134.6	-558.7	-2572.8	98.3	242.6	-1096.1	0.0253	0.0057	0.0127				-0.08	-0.11	-3.08	
40745	-158.0	-550.9	-2596.2	126.7	328.2	-1090.5	0.0245	0.0061	0.0127				-0.07	-0.12	-3.11	
40746	-185.5	-539.6	-2618.7	152.8	413.7	-1080.4	0.0236	0.0066	0.0127				-0.07	-0.13	-3.14	
40747	-216.5	-525.4	-2640.7	176.0	498.4	-1066.1	0.0225	0.0071	0.0127				-0.07	-0.14	-3.18	

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
40748	-250.4	-509.0	-2662.6	195.8	582.4	-1047.7	0.0213	0.0077	0.0127				-0.06	-0.15	-3.22	
40749	-286.5	-491.1	-2685.0	211.7	665.4	-1025.5	0.0200	0.0084	0.0127				-0.06	-0.15	-3.25	
40750	-323.7	-472.2	-2709.0	223.1	748.4	-1000.3	0.0187	0.0090	0.0127				-0.05	-0.16	-3.30	
40751	-457.2	-320.2	-2513.1	211.3	1034.1	-655.5	0.0112	0.0129	0.0127				-0.01	-0.17	-3.11	
40752	-449.9	-352.0	-2599.5	220.9	1026.4	-734.4	0.0124	0.0123	0.0127				-0.01	-0.18	-3.21	
40753	-440.4	-386.4	-2690.7	227.3	1011.6	-816.8	0.0133	0.0117	0.0127				-0.01	-0.19	-3.32	
40759	-269.5	-236.6	-2040.3	212.4	604.3	-495.2	0.0139	0.0116	0.0127				-0.04	-0.15	-2.36	
40760	-358.1	-452.3	-2724.4	229.8	827.2	-970.2	0.0173	0.0097	0.0127				-0.03	-0.17	-3.33	
40763	-389.8	-432.3	-2731.2	232.2	897.3	-931.0	0.0160	0.0104	0.0127				-0.03	-0.18	-3.35	
40766	-420.7	-413.1	-2736.5	230.6	964.7	-888.2	0.0146	0.0110	0.0127				-0.01	-0.19	-3.37	
40768	-255.2	-251.8	-2060.6	216.2	589.6	-517.6	0.0144	0.0112	0.0127				-0.03	-0.15	-2.38	
40769	-403.9	-73.2	-1548.7	100.4	609.5	-138.2	0.0062	0.0155	0.0127				-0.04	-0.15	-1.83	
40770	-401.3	-69.3	-1531.4	76.6	604.7	-107.6	0.0061	0.0155	0.0127				-0.05	-0.15	-1.80	
40771	-396.3	-67.7	-1515.9	-76.5	599.1	132.9	0.0061	0.0155	0.0127				-0.05	-0.14	-1.79	
40772	-389.1	-68.5	-1502.3	-99.5	592.8	162.2	0.0062	0.0155	0.0127				-0.04	-0.14	-1.78	
41089	7.6	174.8	3.5	16.7	-27.2	-16.0	0.0061	0.0155	0.0127	29.06	11.53	14.04	0.00	-0.15	-0.20	0.0
41090	6.6	174.5	3.4	9.3	-26.6	-16.2	0.0061	0.0155	0.0127	29.23	11.39	13.91	0.00	-0.15	-0.20	0.0
41091	6.4	173.5	3.4	-4.7	-26.2	-16.6	0.0061	0.0155	0.0127	28.95	11.28	13.78	0.00	-0.14	-0.20	0.0
41092	7.0	171.9	3.3	-11.9	-26.0	-17.2	0.0061	0.0155	0.0127	28.35	11.25	13.70	0.00	-0.14	-0.20	0.0
41093	8.5	162.7	-49.1	30.5	-11.5	-18.5	0.0061	0.0155	0.0127	27.71	11.01	13.41	0.00	-0.17	-0.22	0.0
41094	7.0	162.8	-48.6	22.2	-11.4	-18.0	0.0061	0.0155	0.0127	27.71	10.80	13.19	0.00	-0.16	-0.22	0.0
41095	6.7	162.2	-48.2	14.0	-11.4	-17.4	0.0061	0.0155	0.0127	27.28	10.63	12.99	0.00	-0.16	-0.22	0.0
41096	7.6	160.9	-47.9	-19.8	-11.4	-16.8	0.0061	0.0155	0.0127	26.75	10.63	12.95	0.00	-0.16	-0.22	0.0
41097	-43.3	139.1	-107.1	52.0	118.6	-28.5	0.0062	0.0155	0.0127	24.83	9.88	12.03	0.00	-0.11	-0.36	0.0
41098	-44.7	139.9	-106.1	39.9	118.0	-23.4	0.0061	0.0155	0.0127	24.47	9.54	11.65	0.00	-0.10	-0.35	0.0
41099	-44.4	139.6	-105.1	27.8	117.2	21.6	0.0061	0.0155	0.0127	25.02	9.75	11.91	0.00	-0.12	-0.35	0.0
41100	-42.3	138.3	-104.4	-38.5	116.0	26.5	0.0062	0.0155	0.0127	23.75	9.45	11.51	0.00	-0.10	-0.35	0.0
41101	-204.8	92.5	-225.2	88.2	349.6	-52.4	0.0062	0.0155	0.0127	24.45	9.75	11.86	0.00	-0.06	-0.73	0.0
41102	-205.3	92.6	-222.8	66.6	348.0	-36.2	0.0061	0.0155	0.0127	23.98	9.35	11.42	0.00	-0.06	-0.72	0.0
41103	-203.0	92.7	-220.8	-53.8	345.3	38.6	0.0061	0.0155	0.0127	22.63	8.82	10.78	0.00	-0.04	-0.70	0.0
41104	-198.0	93.0	-219.0	-74.8	341.4	54.2	0.0062	0.0155	0.0127	22.74	9.07	11.04	0.00	-0.04	-0.70	0.0
41105	-574.0	-37.5	-898.0	148.5	953.4	-127.9	0.0062	0.0155	0.0127	38.01	15.18	18.48	0.00	-0.25	-1.96	0.0
41106	-571.6	-33.3	-887.9	110.9	949.0	-81.3	0.0061	0.0155	0.0127	39.03	15.22	18.59	0.00	-0.26	-1.94	0.0
41107	-564.9	-31.9	-878.8	-102.8	941.2	92.2	0.0061	0.0155	0.0127	38.60	15.05	18.39	0.00	-0.26	-1.92	0.0
41108	-554.0	-33.0	-870.7	-139.3	930.0	137.2	0.0062	0.0155	0.0127	37.60	15.02	18.28	0.00	-0.24	-1.91	0.0
41109	-14.9	252.6	-42.4	21.8	37.6	-49.4	0.0061	0.0155	0.0127	42.59	16.89	20.58	0.00	-0.25	-0.34	0.0
41110	-15.6	252.2	-41.7	9.4	37.3	-47.0	0.0061	0.0155	0.0127	42.90	16.71	20.43	0.00	-0.25	-0.33	0.0
41111	-15.4	250.6	-41.2	-10.3	37.5	-44.6	0.0061	0.0155	0.0127	42.67	16.62	20.31	0.00	-0.25	-0.33	0.0
41112	-14.3	247.7	-41.1	-22.3	37.9	-42.5	0.0061	0.0155	0.0127	41.79	16.58	20.20	0.00	-0.25	-0.33	0.0
41129	-7.5	291.7	-194.9	22.0	93.8	-76.7	0.0061	0.0155	0.0127	49.45	19.61	23.90	0.00	-0.27	-0.55	0.0
41130	-8.4	290.7	-192.5	8.2	93.2	-71.6	0.0061	0.0155	0.0127	49.78	19.39	23.70	0.00	-0.27	-0.54	0.0
41131	-8.2	288.8	-190.5	-10.5	92.9	-66.7	0.0061	0.0155	0.0127	49.54	19.30	23.59	0.00	-0.27	-0.54	0.0
41132	-7.0	286.2	-189.0	-23.9	93.0	-61.8	0.0061	0.0155	0.0127	48.60	19.27	23.48	0.00	-0.27	-0.53	0.0
41149	0.3	298.5	-404.2	21.1	99.3	-96.4	0.0061	0.0155	0.0127	50.74	20.13	24.52	0.00	-0.29	-0.75	0.0
41150	-0.8	297.2	-399.7	7.2	98.3	-91.2	0.0061	0.0155	0.0127	51.07	19.90	24.31	0.00	-0.29	-0.74	0.0
41151	-0.7	295.4	-395.8	-9.5	98.0	-85.9	0.0061	0.0155	0.0127	50.82	19.80	24.19	0.00	-0.29	-0.74	0.0
41152	0.5	293.1	-392.4	-23.0	98.3	82.7	0.0061	0.0155	0.0127	49.40	19.59	23.87	0.00	-0.28	-0.73	0.0
41169	1.2	293.9	-609.5	20.7	85.2	-113.4	0.0061	0.0155	0.0127	50.19	19.91	24.25	0.00	-0.30	-0.94	0.0
41170	0.1	292.4	-603.1	7.1	83.6	-109.1	0.0061	0.0155	0.0127	50.50	19.67	24.04	0.00	-0.29	-0.93	0.0
41171	0.2	290.7	-597.4	-8.9	83.3	-104.6	0.0061	0.0155	0.0127	50.25	19.58	23.92	0.00	-0.29	-0.92	0.0
41172	1.4	289.0	-592.5	-22.2	84.4	102.2	0.0061	0.0155	0.0127	49.05	19.45	23.70	0.00	-0.29	-0.92	0.0
41249	529.4	64.7	-366.3	-72.0	-179.8	125.0	0.0509	0.0155	0.0244	11.44	37.64	23.81	0.00	-0.51	-1.01	0.0
41250	582.0	73.7	-247.1	-33.1	-199.9	104.7	0.0507	0.0155	0.0244	12.48	40.79	25.92	0.00	-0.54	-0.95	0.0
41251	585.6	73.9	-233.8	41.5	-193.5	82.4	0.0507	0.0155	0.0244	12.42	40.57	25.78	0.00	-0.54	-0.93	0.0
41252	538.1	66.2	-327.3	81.2	-159.1	-101.3	0.0509	0.0155	0.0244	11.50	37.85	23.94	0.00	-0.52	-0.96	0.0
41509	852.7	86.4	-237.4	-96.3	315.1	210.7	0.0509	0.0233	0.0244	18.46	40.27	38.43	0.00	-0.75	-1.36	0.0
41510	1014.9	134.4	2.6	-29.5	-257.3	85.2	0.0507	0.0234	0.0244	21.27	46.15	44.16	0.00	-0.92	-1.16	0.0
41511	1020.0	134.4	10.1	32.5	-249.5	-74.0	0.0507	0.0234	0.0244	21.30	46.22	44.23	0.00	-0.93	-1.15	0.0
41512	863.7	88.8	-209.8	102.7	337.9	-197.6	0.0509	0.0233	0.0244	18.94	41.32	39.43	0.00	-0.78	-1.37	0.0
41513	788.4	117.2	-309.0	-106.9	361.6	276.7	0.0508	0.0233	0.0244	17.65	38.48	36.73	0.00	-0.65	-1.45	0.0
41514	854.2	203.7	-76.2	18.5	204.8	77.7	0.0507	0.0234	0.0244	17.72	38.44	36.78	0.00	-0.68	-1.03	0.0
41515	855.5	202.7	-74.6	-22.9	208.1	-75.6	0.0507	0.0234	0.0244	17.78	38.57	36.91	0.00	-0.69	-1.04	0.0
41516	793.6	117.6	-293.3	108.9	377.1	-268.9	0.0508	0.0233	0.0244	17.94	39.12	37.34	0.00	-0.67	-1.45	0.0
41517	693.5	128.9	-278.2	-63.1	432.9	375.6	0.0508	0.0233	0.0244	17.06	37.17	35.49	0.00	-0.56	-1.50	0.0
41518	636.1	222.2	-75.8	71.3	196.6	106.0	0.0507	0.0234	0.0244	13.91	30.19	28.89	0.00	-0.48	-0.85	0.0
41519	636.4	220.9	-74.7	-78.8	198.9	-107.6	0.0507	0.0234	0.0244	14.00	30.38	29.07	0.00	-0.49	-0.86	0.0
41520	696.5	126.3	-266.7	62.5	445.9	-372.4	0.0508	0.0233	0.0244	17.32	37.74	36.03	0.00	-0.58	-1.50	0.0
41521	549.9	141.4	-236.9	153.9	544.7	593.1	0.0508	0.0233	0.0244	20.54	44.74	42.73	0.00	-0.86	-1.82	0.0
41522	344.9	241.5	-57.3	129.5	152.6	191.3	0.0507	0.0234	0.0244	10.41	22.58	21.61	0.00	-0.36	-0.69	0.0
41523	344.8	239.9	-56.6	-137.3	154.1	-195.6	0.0507	0.0234	0.0244	10.58	22.96	21.97	0.00	-0.38	-0.70	0.0
41524	552.2	135.9	-229.2	-156.1	556.3	-595.1	0.0508	0.0233	0.0244	20.80	45.31	43.26	0.00	-0.88	-1.83	0.0
41525	365.1	208.0	-198.2	248.9	664.2	1344.0	0.0508	0.0233	0.0244	32.85	71.54	68.32	0.00	-1.54	-3.09	0.0
41526	84.2	250.2	-45.2	75.6	-35.8	215.8	0.0507	0.0234	0.0244	7.35	15.95	15.26	0.00	-0.28	-0.55	0.0
41527	84.0	249.8	-44.9	-79.9	-36.9	-223.3	0.0507	0.0234	0.0244	7.49	16.24	15.54	0.00	-0.29	-0.56	0.0
41528	367.0	201.6	-194.0	-250.7	674.2	-1356.4	0.0508	0.0233	0.0244	33.16	72.22	68.97	0.00	-1.56	-3.12	0.0
41545	214.3	260.6	-251.5	125.6	766.8	1145.9	0.0508	0.0233	0.0244	28.89	62.91	60.08	0.00	-1.36	-2.83	0.0
41546	-4.3	143.7	-188.8	-22.1	124.8	356.5	0.0507	0.0234	0.0244	7.44	16.13	15.44	0.00	-0.36	-0.82	0.0
41547	-4.1	141.1	-187.2	24.8	125.2	-367.7	0.0507	0.0234	0.0244	7.60	16.49	15.78	0.00	-0.36	-0.84	0.0
41548	214.2	252.1	-245.2	-122.8	778.0	-1164.5	0.0508	0.0233	0.0244	29.26	63.71	60.84	0.00	-1.37	-2.86	0.0
41565	213.3	307.3	-295.0	140.3	731.6	945.3	0.0508	0.0233	0.0244	25.63	55.81	53.30	0.00	-1.19	-2.49	0.0
41566	1.8	172.1	-316.5	11.7	148.1	226.8	0.0507	0.0234	0.0244	5.48	11.89	11.38	0.00	-0.25	-0.72	0.0
41567	2.1	168.6	-313.6	8.9	148.4	-233.8	0.0507	0.0234	0.0244	5.38	11.66	11.16	0.00	-0.24	-0.73	0.0
41568	208.8	296.7	-288.2	-133.1	741.3	-960.3	0.0508	0.0233	0.0244	25.82	56.23	53.70	0.00	-1.20	-2.52	0.0
41585	256.1	339.4	-326.0	191.4	664.0	817.9	0.0508	0.0233	0.0244	23.89	52.03	49.69	0.00	-1.11	-2.26	0.0
41586	-28.1	170.6	-394.3	-11.1	125.0	181.9	0.0507	0.0234	0.0244	4.47	9.70	9.28	0.00	-0.22	-0.71	0.0
41587	-27.4	166.6	-390.0	15.8	125.6	-181.3	0.0507	0.0234	0.0244	4.38	9.51	9.10	0.00	-0.22	-0.70	0.0
41588	245.3	324.3	-318.4	-178.8	671.3	-822.1	0.0508	0.0233	0.0244	23.74	51.70	49.38	0.00	-1.10	-2.26	0.0
41605	716.6	402.6	-184.8	-227.5	635.1	598.7	0.0508	0.0233	0.0244	20.82	45.33	43.29	0.00	-0.34	-1.90	0.0
41606	552.4	299.8	-160.9	-45.6	394.8	143.3	0.0507	0.0234	0.0244	14.36	31.15	29.81	0.00	-0.40	-1.10	0.0
41607	555.3	297.0	-154.7	72.3	397.8	-118.6	0.0507	0.0234	0.0244	14.47	31.40	30.04	0.00	-0.41	-1.10	0.0
41608	709.8	390.9	-172.4	261.9	646.3	-580.2	0.0508	0.0233	0.0244	20.76	45.20	43.17	0.00	-0.34	-1.90	0.0
41609	-382.1	-71.1	-1493.1	-116.8	587.4	184.3	0.0064	0.0154	0.0127				-0.03	-0.14	-1.77	
41610	-376.1	-73.4	-1487.3	-128.6	583.4	199.8	0.0066	0.0153	0.0127				-0.03	-0.14	-1.77	
41769	7.6	168.1	2.8	-17.4	-26.0	-18.0	0.0063	0.0154	0.0127	27.31	11.11	13.48	0.00	-0.14	-0.20	0.0
41770	8.6	166.4	2.8	-21.6	-26.4	-18.8	0.0064	0.0154	0.0127	26.67	11.12	13.43	0.00	-0.14	-0.20	0.0
41771	8.6	157.2	-48.1	-26.1	-11.6	-16.7	0.0063	0.0154	0.0127	25.86	10.56	12.80	0.00	-0.15	-0.22	0.0
41772	10.1	155.7	-48.0	-30.6	-11.8	-16.8	0.0064	0.0153	0.0127	25.33	10.61	12.81	0.00	-0.16	-0.22	0.0
41773	-40.1	134.2	-104.3	-47.4	115.1	29.7	0.0063	0.0154	0.0127	23.17	9.50	11.51	0.00	-0.10	-0.35	0.0
41774	-37.7	132.4	-104.0	-53.7	114.2	31.7	0.0065	0.0153	0.0127	22.91	9.65	11.64	0.00	-0.11	-0.35	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
41775	-193.1	89.5	-218.4	-90.3	337.8	65.3	0.0063	0.0154	0.0127	22.59	9.30	11.26	0.00	-0.05	-0.71	0.0
41776	-188.4	88.0	-217.9	-101.1	335.0	72.9	0.0065	0.0153	0.0127	22.53	9.56	11.51	0.00	-0.05	-0.71	0.0
41777	-543.4	-37.5	-865.6	-166.4	919.2	170.9	0.0064	0.0154	0.0127	36.17	14.96	18.10	0.00	-0.23	-1.90	0.0
41778	-533.8	-40.6	-862.3	-185.2	910.2	194.4	0.0065	0.0153	0.0127	34.94	14.93	17.96	0.00	-0.23	-1.90	0.0
41779	-12.8	245.5	-41.2	-31.6	38.5	-40.9	0.0063	0.0154	0.0127	40.85	16.62	20.17	0.00	-0.25	-0.33	0.0
41780	-11.1	243.4	-41.1	-38.3	38.8	-39.5	0.0064	0.0154	0.0127	39.97	16.66	20.13	0.00	-0.25	-0.32	0.0
41789	-5.3	283.6	-188.0	-34.3	93.2	63.5	0.0063	0.0154	0.0127	46.81	19.05	23.11	0.00	-0.26	-0.53	0.0
41790	-3.5	281.5	-187.4	-41.8	93.4	66.2	0.0064	0.0154	0.0127	45.87	19.12	23.10	0.00	-0.26	-0.53	0.0
41799	2.1	290.9	-390.4	-33.5	98.9	86.1	0.0063	0.0154	0.0127	48.32	19.66	23.85	0.00	-0.28	-0.73	0.0
41800	4.0	289.2	-389.1	-41.0	99.5	88.8	0.0064	0.0154	0.0127	47.40	19.76	23.87	0.00	-0.28	-0.73	0.0
41809	2.9	287.1	-589.4	-32.5	85.9	104.8	0.0063	0.0154	0.0127	48.00	19.53	23.70	0.00	-0.29	-0.92	0.0
41810	4.8	285.8	-587.5	-39.9	87.2	106.8	0.0064	0.0154	0.0127	47.12	19.64	23.73	0.00	-0.29	-0.92	0.0
41849	501.7	66.6	-433.6	82.2	188.3	94.8	0.0511	0.0154	0.0244	10.93	36.35	22.84	0.00	-0.50	-1.04	0.0
41850	509.0	65.9	-436.6	74.8	185.2	192.0	0.0513	0.0153	0.0244	11.10	37.29	23.29	0.00	-0.48	-1.09	0.0
41979	665.7	74.8	-463.5	102.2	438.1	-79.9	0.0510	0.0232	0.0244	16.11	35.41	33.66	0.00	-0.74	-1.45	0.0
41980	663.6	72.5	-473.8	69.4	425.7	157.2	0.0512	0.0153	0.0244	16.08	53.85	33.69	0.00	-0.75	-1.46	0.0
41981	712.0	88.7	-556.4	96.3	564.5	-109.0	0.0510	0.0232	0.0244	18.23	40.02	38.06	0.00	-0.82	-1.72	0.0
41982	684.8	83.3	-566.1	34.0	543.3	132.0	0.0512	0.0232	0.0244	17.50	38.66	36.64	0.00	-0.81	-1.68	0.0
41983	715.4	93.5	-523.7	76.2	709.6	-148.6	0.0510	0.0233	0.0244	20.35	44.63	42.47	0.00	-0.92	-1.91	0.0
41984	682.3	87.7	-541.9	-51.5	691.5	172.7	0.0511	0.0232	0.0244	19.44	42.90	40.69	0.00	-0.87	-1.88	0.0
41985	747.8	94.1	-459.7	33.0	966.6	-217.8	0.0510	0.0233	0.0244	25.28	55.40	52.73	0.00	-1.16	-2.32	0.0
41986	726.8	85.8	-480.3	-54.9	948.2	272.5	0.0511	0.0232	0.0244	24.52	54.03	51.29	0.00	-1.11	-2.32	0.0
41987	812.3	85.7	-394.2	-50.0	1595.8	-430.5	0.0510	0.0233	0.0244	38.45	84.19	80.18	0.00	-1.85	-3.52	0.0
41988	798.1	80.4	-416.7	-60.2	1599.1	444.9	0.0511	0.0232	0.0244	37.67	82.91	78.74	0.00	-1.77	-3.54	0.0
41997	443.5	220.3	-306.2	-93.1	1590.6	-452.4	0.0510	0.0233	0.0244	35.02	76.67	73.01	0.00	-1.60	-3.40	0.0
41998	412.7	231.9	-308.8	99.1	1588.1	499.1	0.0511	0.0232	0.0244	34.85	76.70	72.85	0.00	-1.59	-3.42	0.0
42007	469.7	239.2	-275.1	-71.9	1525.7	-364.1	0.0510	0.0233	0.0244	33.79	73.99	70.46	0.00	-1.50	-3.23	0.0
42008	526.4	259.5	-264.6	103.8	1515.2	465.9	0.0511	0.0232	0.0244	34.98	76.98	73.11	0.00	-1.56	-3.28	0.0
42017	684.4	262.1	-255.1	-101.6	1399.7	-303.5	0.0510	0.0233	0.0244	34.09	74.64	71.09	0.00	-1.50	-3.02	0.0
42018	771.1	296.3	-241.3	141.6	1387.9	437.5	0.0511	0.0232	0.0244	35.85	78.91	74.94	0.00	-1.57	-3.09	0.0
42027	1016.3	328.7	-201.9	132.4	1141.0	-227.9	0.0510	0.0233	0.0244	33.38	73.07	69.59	0.00	-1.32	-2.64	0.0
42028	1089.7	354.0	-199.5	-178.3	1145.2	374.5	0.0511	0.0232	0.0244	34.46	75.84	72.03	0.00	-1.28	-2.76	0.0
42044	-366.0	-77.4	-1479.8	-144.9	577.4	222.2	0.0069	0.0151	0.0127				-0.02	-0.14	-1.77	
42060	-351.3	-85.2	-1471.4	-164.9	568.8	251.5	0.0075	0.0148	0.0127				-0.01	-0.14	-1.76	
42076	-334.4	-95.2	-1464.4	-183.2	559.2	280.5	0.0082	0.0145	0.0127	0.57	0.32	0.37	0.00	-0.14	-1.76	0.0
42092	-315.5	-107.4	-1458.6	-199.7	548.8	309.4	0.0090	0.0140	0.0127	1.60	1.03	1.13	0.00	-0.15	-1.77	0.0
42349	-517.6	-44.8	-857.3	-210.9	895.7	229.1	0.0068	0.0151	0.0127	32.95	14.90	17.74	0.00	-0.21	-1.88	0.0
42350	-179.6	87.6	-216.5	-116.5	330.0	85.0	0.0068	0.0152	0.0127	22.44	10.03	11.97	0.00	-0.05	-0.71	0.0
42351	-32.7	131.9	-103.1	-62.8	112.6	35.4	0.0067	0.0152	0.0127	22.78	10.08	12.05	0.00	-0.11	-0.35	0.0
42352	13.2	155.5	-47.4	-37.1	-12.2	-16.4	0.0067	0.0152	0.0127	24.78	10.87	13.01	0.00	-0.16	-0.22	0.0
42353	10.7	165.9	3.1	-27.6	-26.8	-19.4	0.0066	0.0152	0.0127	25.93	11.28	13.53	0.00	-0.14	-0.20	0.0
42354	-493.9	-55.3	-852.1	-241.8	874.3	273.6	0.0074	0.0149	0.0127	29.95	14.83	17.35	0.00	-0.19	-1.87	0.0
42355	-166.7	81.7	-215.6	-135.0	322.8	100.4	0.0073	0.0149	0.0127	21.85	10.62	12.48	0.00	-0.06	-0.72	0.0
42356	-25.5	127.1	-102.7	-73.9	110.5	40.1	0.0072	0.0150	0.0127	21.93	10.49	12.36	0.00	-0.12	-0.36	0.0
42357	17.7	151.7	-47.3	-45.4	-12.7	-15.8	0.0071	0.0150	0.0127	23.46	11.07	13.08	0.00	-0.16	-0.22	0.0
42358	13.6	162.0	3.0	-34.9	-27.2	-20.4	0.0070	0.0151	0.0127	24.39	11.36	13.45	0.00	-0.14	-0.20	0.0
42359	-466.5	-68.6	-847.9	-269.6	849.7	316.9	0.0080	0.0146	0.0127	26.82	14.74	16.88	0.00	-0.17	-1.85	0.0
42360	-151.6	74.0	-215.2	-152.0	314.7	115.4	0.0078	0.0146	0.0127	21.08	11.30	13.01	0.00	-0.07	-0.72	0.0
42361	-16.7	121.3	-102.4	-84.4	108.1	44.6	0.0077	0.0147	0.0127	20.95	10.98	12.71	0.00	-0.12	-0.36	0.0
42362	23.3	147.2	-47.3	-53.3	-13.3	-15.2	0.0076	0.0148	0.0127	22.07	11.34	13.17	0.00	-0.16	-0.22	0.0
42363	17.6	157.6	2.9	-42.2	-27.8	-21.4	0.0075	0.0148	0.0127	22.79	11.50	13.41	0.00	-0.13	-0.20	0.0
42364	-435.9	-84.7	-844.2	-294.1	822.3	359.2	0.0087	0.0142	0.0127	23.76	14.66	16.36	0.00	-0.15	-1.83	0.0
42365	-134.0	64.7	-215.0	-167.5	305.3	130.4	0.0085	0.0143	0.0127	20.19	12.06	13.56	0.00	-0.08	-0.73	0.0
42366	-6.3	114.5	-102.4	-94.1	105.3	48.9	0.0083	0.0144	0.0127	19.91	11.56	13.08	0.00	-0.13	-0.36	0.0
42367	30.2	142.0	-47.4	-60.8	-14.0	-14.9	0.0082	0.0145	0.0127	20.67	11.68	13.30	0.00	-0.16	-0.22	0.0
42368	22.4	152.8	2.6	-49.1	-28.1	-22.4	0.0080	0.0145	0.0127	21.21	11.71	13.39	0.00	-0.13	-0.20	0.0
42373	-8.3	238.9	-40.8	-47.9	39.4	38.0	0.0066	0.0152	0.0127	37.87	16.47	19.76	0.00	-0.23	-0.33	0.0
42378	-3.9	233.1	-40.7	-59.8	40.4	40.6	0.0070	0.0151	0.0127	35.75	16.65	19.72	0.00	-0.23	-0.33	0.0
42383	1.8	226.5	-41.0	-71.2	41.5	43.2	0.0075	0.0148	0.0127	33.48	16.89	19.70	0.00	-0.23	-0.33	0.0
42388	8.5	218.9	-41.7	-82.3	42.8	45.7	0.0080	0.0145	0.0127	31.18	17.21	19.70	0.00	-0.23	-0.34	0.0
42393	-0.3	277.7	-186.7	-52.5	93.8	70.7	0.0066	0.0152	0.0127	44.28	19.26	23.10	0.00	-0.26	-0.53	0.0
42398	4.7	271.9	-186.2	-65.8	94.4	75.6	0.0070	0.0151	0.0127	41.86	19.49	23.09	0.00	-0.25	-0.54	0.0
42403	11.3	265.3	-186.1	-78.6	95.0	80.3	0.0075	0.0148	0.0127	39.28	19.82	23.11	0.00	-0.25	-0.54	0.0
42408	18.9	257.9	-186.6	-91.0	95.6	85.0	0.0080	0.0145	0.0127	36.66	20.24	23.16	0.00	-0.25	-0.54	0.0
42413	7.3	286.3	-387.6	-51.7	100.5	93.2	0.0066	0.0152	0.0127	45.85	19.95	23.92	0.00	-0.28	-0.73	0.0
42418	12.5	281.5	-386.3	-65.0	101.8	97.9	0.0070	0.0151	0.0127	43.46	20.24	23.97	0.00	-0.27	-0.73	0.0
42423	19.2	275.7	-385.7	-78.0	103.1	102.5	0.0075	0.0148	0.0127	40.85	20.61	24.03	0.00	-0.27	-0.74	0.0
42428	27.0	268.7	-385.8	-90.5	104.3	107.0	0.0080	0.0145	0.0127	38.15	21.06	24.10	0.00	-0.27	-0.74	0.0
42433	8.0	283.7	-585.3	-50.6	89.2	110.3	0.0066	0.0152	0.0127	45.68	19.87	23.83	0.00	-0.29	-0.92	0.0
42438	13.1	279.6	-583.4	-63.8	91.8	113.9	0.0070	0.0151	0.0127	43.35	20.19	23.91	0.00	-0.28	-0.92	0.0
42443	19.6	274.5	-582.5	-76.8	94.4	117.2	0.0075	0.0148	0.0127	40.79	20.58	24.00	0.00	-0.28	-0.92	0.0
42448	27.3	268.0	-582.5	-89.2	96.7	120.2	0.0080	0.0145	0.0127	38.11	21.03	24.07	0.00	-0.28	-0.92	0.0
42509	549.2	60.4	-353.3	78.2	-152.0	271.9	0.0516	0.0151	0.0244	11.17	38.21	23.60	0.00	-0.38	-1.09	0.0
42510	597.9	53.9	-307.2	100.0	-182.3	251.4	0.0522	0.0148	0.0244	12.23	43.11	26.11	0.00	-0.46	-1.11	0.0
42511	602.8	35.3	-364.9	144.0	-183.6	228.8	0.0529	0.0145	0.0244	12.38	45.28	26.78	0.00	-0.52	-1.17	0.0
42512	560.1	3.7	-486.5	205.2	-166.2	208.8	0.0537	0.0140	0.0244	11.84	45.27	26.02	0.00	-0.59	-1.24	0.0
42769	849.9	75.7	-241.5	88.8	300.9	296.1	0.0515	0.0151	0.0244	18.60	63.31	39.21	0.00	-0.78	-1.41	0.0
42770	1014.1	110.2	-49.1	115.4	-231.3	168.8	0.0520	0.0149	0.0244	20.54	71.86	43.74	0.00	-0.85	-1.28	0.0
42771	1035.6	91.2	-95.7	136.5	-229.1	126.4	0.0527	0.0146	0.0244	20.74	75.06	44.71	0.00	-0.94	-1.31	0.0
42772	898.6	25.6	-307.2	235.7	-178.5	-54.8	0.0534	0.0142	0.0244	18.44	69.46	40.31	0.00	-1.02	-1.32	0.0
42773	744.7	98.6	-301.3	53.5	337.2	314.3	0.0515	0.0230	0.0244	16.94	37.87	35.67	0.00	-0.67	-1.40	0.0
42774	845.6	185.2	-76.4	47.2	172.6	92.8	0.0519	0.0228	0.0244	16.99	38.74	36.12	0.00	-0.68	-1.01	0.0
42775	905.1	172.8	-94.8	35.1	163.8	-44.6	0.0525	0.0225	0.0244	17.75	41.46	38.15	0.00	-0.75	-1.06	0.0
42776	885.9	81.5	-283.8	148.0	263.1	-184.8	0.0532	0.0143	0.0244	17.96	66.89	39.11	0.00	-0.80	-1.39	0.0
42777	642.9	103.3	-286.5	60.6	407.3	404.1	0.0514	0.0230	0.0244	16.66	37.17	35.05	0.00	-0.63	-1.48	0.0
42778	628.0	206.9	-73.3	67.8	171.5	105.5	0.0518	0.0228	0.0244	13.21	30.00	28.03	0.00	-0.47	-0.82	0.0
42779	692.9	211.0	-74.5	-96.1	182.7	-89.7	0.0524	0.0226	0.0244	14.47	33.61	31.02	0.00	-0.56	-0.89	0.0
42780	804.7	117.6	-237.6	41.9	357.5	-283.3	0.0530	0.0222	0.0244	17.31	41.29	37.57	0.00	-0.67	-1.40	0.0
42781	538.4	104.6	-253.9	121.7	525.1	607.2	0.0514	0.0231	0.0244	19.41	43.19	40.78	0.00	-0.80	-1.80	0.0
42782	363.2	219.2	-58.1	131.3	142.0	186.6	0.0518	0.0229	0.0244	10.14	22.95	21.48	0.00	-0.36	-0.69	0.0
42783	373.5	260.1	-54.2	-143.3	152.8	-176.8	0.0523	0.0226	0.0244	10.63	24.57	22.74	0.00	-0.38	-0.70	0.0
42784	622.1	155.1	-194.5	-214.2	481.3	-486.6	0.0529	0.0223	0.0244	19.73	46.73	42.68	0.00	-0.90	-1.65	0.0
42785	365.3	143.1	-226.6	175.4	753.5	1273.8	0.0513	0.0231	0.0244	30.91	68.67	64.90	0.00	-1.44	-3.04	0.0
42786	110.3	218.1	-50.3	86.3	52.5	291.9	0.0517	0.0229	0.0244	8.44	19.05	17.86	0.00	-0.36	-0.67	0.0
42787	70.1	269.4	-42.1	-56.6	-70.7	-119.1	0.0522	0.0227	0.0244	6.02	13.85	12.85	0.00	-0.21	-0.43	0.0
42788	404.7	268.8	-155.9	-355.7	516.2	-1230.1	0.0527	0.0224	0.0244	30.55	71.91	65.90	0.00	-1.49	-2.82	0.0
42805	195.6	285.7	-256.8	146.1	859.2	1154.2	0.0513	0.0231	0.0244	30.08	66.84	63.16	0.00	-1.46	-2.95	0.0
42806	5.3	161.8	-197.2	-78.4	226.6	518.8	0.0517	0.0229	0.0244	10.46	23.61	22.13	0.00	-0.46	-1.19	0.0
42807	8.3	142.1	-177.9	47.9	97.1	-163.6	0.0522	0.0227	0.0244	4.05	9.31	8.64	0.00	-0.16	-0.50	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
42808	227.6	226.4	-230.8	-153.6	658.1	-983.1	0.0527	0.0224	0.0244	24.50	57.65	52.84	0.00	-1.21	-2.44	0.0
42825	274.9	360.4	-278.6	220.9	800.1	1007.0	0.0513	0.0231	0.0244	28.89	64.18	60.65	0.00	-1.39	-2.70	0.0
42826	21.0	215.4	-315.9	74.5	239.7	438.0	0.0517	0.0229	0.0244	10.27	23.18	21.73	0.00	-0.53	-1.14	0.0
42827	18.6	179.0	-312.1	61.7	152.3	78.3	0.0522	0.0227	0.0244	4.44	10.21	9.47	0.00	-0.20	-0.61	0.0
42828	189.2	270.7	-297.2	-80.6	677.6	-724.5	0.0527	0.0224	0.0244	19.86	46.74	42.83	0.00	-0.90	-2.08	0.0
42845	347.3	429.2	-304.7	302.4	719.8	912.9	0.0513	0.0231	0.0244	28.43	63.17	59.70	0.00	-1.37	-2.53	0.0
42846	-25.0	242.0	-396.7	84.5	212.8	412.5	0.0517	0.0229	0.0244	9.70	21.89	20.51	0.00	-0.54	-1.14	0.0
42847	-17.0	205.7	-400.4	88.3	154.4	145.9	0.0522	0.0227	0.0244	5.56	12.79	11.87	0.00	-0.32	-0.76	0.0
42848	219.1	311.2	-352.9	88.2	644.7	-539.7	0.0527	0.0224	0.0244	15.00	35.30	32.35	0.00	-0.43	-1.76	0.0
42865	795.1	463.7	-180.1	-347.2	682.6	693.4	0.0513	0.0231	0.0244	22.35	49.65	46.92	0.00	-0.26	-2.10	0.0
42866	565.7	343.3	-195.3	-141.1	416.9	320.3	0.0517	0.0229	0.0244	14.50	32.73	30.68	0.00	-0.26	-1.27	0.0
42867	566.6	322.8	-225.1	151.2	391.0	151.6	0.0522	0.0227	0.0244	15.50	35.66	33.08	0.00	-0.56	-1.20	0.0
42868	699.7	394.7	-273.7	165.9	607.1	-316.6	0.0527	0.0224	0.0244	18.81	44.27	40.57	0.00	-0.48	-1.67	0.0
42884	-299.4	-118.9	-1454.9	-211.7	539.9	332.9	0.0097	0.0137	0.0127	2.23	1.58	1.71	0.00	-0.16	-1.78	0.0
42900	-287.5	-127.6	-1452.1	-220.2	534.6	351.4	0.0103	0.0134	0.0127	2.65	2.04	2.15	0.00	-0.16	-1.79	0.0
43029	-410.1	-101.1	-842.2	-310.6	798.7	390.5	0.0094	0.0139	0.0127	21.46	14.57	15.88	0.00	-0.14	-1.82	0.0
43030	-119.4	53.7	-215.6	-178.0	297.4	140.2	0.0091	0.0140	0.0127	19.31	12.63	13.90	0.00	-0.08	-0.73	0.0
43031	2.4	105.9	-103.0	-101.0	102.9	51.1	0.0089	0.0141	0.0127	18.87	11.92	13.23	0.00	-0.13	-0.37	0.0
43032	36.0	135.0	-48.0	-66.2	-14.9	-15.4	0.0087	0.0142	0.0127	19.35	11.86	13.25	0.00	-0.16	-0.22	0.0
43033	26.4	146.6	2.0	-53.8	-28.6	-24.4	0.0085	0.0143	0.0127	19.75	11.76	13.23	0.00	-0.13	-0.20	0.0
43034	-388.7	-112.9	-840.7	-321.6	778.4	413.9	0.0099	0.0136	0.0127	19.79	14.45	15.46	0.00	-0.13	-1.81	0.0
43035	-107.9	46.6	-216.9	-185.2	292.0	147.5	0.0096	0.0137	0.0127	18.80	13.16	14.23	0.00	-0.09	-0.73	0.0
43036	9.3	100.8	-103.1	-106.0	101.3	52.6	0.0094	0.0139	0.0127	18.29	12.33	13.46	0.00	-0.14	-0.37	0.0
43037	40.9	130.8	-48.2	-70.5	-15.6	-15.7	0.0091	0.0140	0.0127	18.62	12.11	13.35	0.00	-0.16	-0.23	0.0
43038	30.4	142.3	1.8	-57.7	-30.5	-26.4	0.0089	0.0141	0.0127	18.85	11.88	13.19	0.00	-0.13	-0.20	0.0
43043	14.7	213.6	-42.5	-90.0	43.6	46.4	0.0085	0.0143	0.0127	29.49	17.56	19.75	0.00	-0.23	-0.34	0.0
43048	20.9	210.1	-42.4	-95.2	43.1	47.2	0.0089	0.0141	0.0127	28.37	17.88	19.85	0.00	-0.23	-0.34	0.0
43053	25.9	251.7	-187.1	-99.6	96.0	87.2	0.0085	0.0143	0.0127	34.61	20.60	23.18	0.00	-0.25	-0.55	0.0
43058	32.8	247.2	-187.6	-105.6	95.3	88.5	0.0089	0.0141	0.0127	33.20	20.93	23.23	0.00	-0.25	-0.55	0.0
43063	34.0	262.5	-386.5	-99.3	105.1	109.0	0.0085	0.0143	0.0127	35.99	21.43	24.11	0.00	-0.27	-0.74	0.0
43068	40.9	258.0	-387.1	-105.4	104.9	110.3	0.0089	0.0141	0.0127	34.52	21.76	24.16	0.00	-0.27	-0.74	0.0
43073	34.1	261.8	-583.3	-98.0	98.3	121.2	0.0085	0.0143	0.0127	35.92	21.38	24.06	0.00	-0.28	-0.93	0.0
43078	40.9	257.1	-584.2	-104.1	98.9	121.8	0.0089	0.0141	0.0127	34.41	21.69	24.08	0.00	-0.28	-0.93	0.0
43079	540.2	-13.6	-591.8	238.6	-149.6	241.6	0.0544	0.0137	0.0244	11.61	46.15	25.85	0.00	-0.61	-1.35	0.0
43095	542.7	-21.7	-632.6	281.7	-155.1	327.8	0.0550	0.0134	0.0244	12.00	49.20	26.99	0.00	-0.61	-1.48	0.0
43239	846.1	95.9	-351.8	-105.3	1325.6	-341.8	0.0532	0.0222	0.0244	32.85	78.89	71.52	0.00	-1.66	-3.00	0.0
43240	803.5	87.0	-417.1	-50.7	776.0	-164.9	0.0534	0.0221	0.0244	22.35	54.09	48.82	0.00	-1.10	-2.01	0.0
43241	804.2	62.3	-487.5	99.9	512.2	-140.4	0.0536	0.0220	0.0244	18.38	44.88	40.32	0.00	-0.89	-1.69	0.0
43242	788.4	38.0	-541.4	184.9	345.4	-98.5	0.0538	0.0140	0.0244	16.75	64.46	36.89	0.00	-0.86	-1.56	0.0
43243	723.1	-1.1	-544.0	258.9	204.7	60.1	0.0541	0.0139	0.0244	15.51	60.57	34.33	0.00	-0.92	-1.42	0.0
43244	789.8	88.7	-415.9	-73.9	1315.4	418.8	0.0536	0.0220	0.0244	30.83	75.20	67.59	0.00	-1.47	-3.02	0.0
43245	749.0	50.2	-482.4	-34.7	718.7	283.9	0.0538	0.0219	0.0244	20.21	49.75	44.49	0.00	-0.97	-1.98	0.0
43246	714.3	32.3	-556.2	86.2	444.9	179.4	0.0540	0.0217	0.0244	16.23	40.35	35.88	0.00	-0.84	-1.60	0.0
43247	702.1	7.2	-607.8	178.5	270.6	159.4	0.0543	0.0137	0.0244	14.91	58.89	33.12	0.00	-0.83	-1.49	0.0
43248	695.5	-21.3	-619.8	288.0	159.9	242.7	0.0546	0.0136	0.0244	15.28	61.39	34.15	0.00	-0.91	-1.54	0.0
43249	427.3	230.1	-294.5	-56.0	1399.3	-282.8	0.0532	0.0222	0.0244	29.09	69.86	63.33	0.00	-1.33	-2.95	0.0
43254	375.6	261.5	-312.1	134.7	1389.5	549.8	0.0536	0.0220	0.0244	30.13	73.49	66.05	0.00	-1.43	-3.09	0.0
43259	463.0	268.2	-280.7	51.8	1389.0	-132.5	0.0532	0.0222	0.0244	28.77	69.08	62.62	0.00	-1.25	-2.89	0.0
43264	584.0	314.1	-262.6	152.6	1359.8	624.5	0.0536	0.0220	0.0244	32.85	80.13	72.01	0.00	-1.51	-3.13	0.0
43269	678.3	324.5	-285.6	86.8	1302.0	-65.8	0.0532	0.0222	0.0244	29.81	71.57	64.88	0.00	-1.25	-2.78	0.0
43274	868.3	391.3	-254.1	202.6	1282.0	672.2	0.0536	0.0220	0.0244	35.58	86.79	78.00	0.00	-1.58	-3.13	0.0
43279	1057.8	418.5	-296.6	145.3	1100.2	130.5	0.0532	0.0222	0.0244	31.97	76.78	69.60	0.00	-1.31	-2.61	0.0
43284	1214.0	504.4	-291.7	319.2	1124.6	700.2	0.0536	0.0220	0.0244	38.56	94.06	84.53	0.00	-1.66	-3.11	0.0
43289	131.7	-499.4	-744.5	38.3	-16.0	810.8	0.0266	0.0051	0.0127	7.64	40.00	15.97	0.00	-0.08	-1.65	0.0
43290	125.8	-506.1	-756.8	-52.4	52.1	814.8	0.0264	0.0052	0.0127	7.33	37.39	15.22	0.00	-0.06	-1.65	0.0
43291	116.5	-505.9	-768.7	-95.9	105.8	813.3	0.0260	0.0054	0.0127	7.19	34.78	14.71	0.00	-0.06	-1.66	0.0
43292	102.9	-498.8	-779.9	-138.6	160.0	806.5	0.0254	0.0057	0.0127	7.07	31.68	14.12	0.00	-0.05	-1.67	0.0
43293	84.5	-484.9	-790.3	-179.5	214.3	794.6	0.0246	0.0060	0.0127	6.97	28.38	13.50	0.00	-0.04	-1.67	0.0
43294	61.2	-464.6	-799.4	-217.5	268.0	777.9	0.0237	0.0065	0.0127	6.90	25.13	12.88	0.00	-0.03	-1.67	0.0
43295	32.9	-438.7	-807.1	-251.9	321.0	756.7	0.0226	0.0070	0.0127	6.89	22.11	12.26	0.00	-0.02	-1.67	0.0
43296	0.0	-408.1	-813.1	-282.1	373.0	731.5	0.0214	0.0076	0.0127	6.94	19.45	11.71	0.00	0.00	-1.66	0.0
43297	-36.9	-373.7	-817.0	-307.7	423.8	702.6	0.0201	0.0083	0.0127	7.40	17.96	11.73	0.00	-0.01	-1.67	0.0
43298	-76.9	-336.2	-818.1	-328.1	472.8	669.4	0.0188	0.0090	0.0127	8.18	17.07	12.07	0.00	-0.02	-1.67	0.0
43299	-119.6	-298.1	-817.9	-343.3	519.3	635.6	0.0173	0.0097	0.0127	9.08	16.23	12.39	0.00	-0.03	-1.68	0.0
43300	-165.2	-260.4	-818.0	-353.2	566.2	600.3	0.0159	0.0104	0.0127	10.23	15.59	12.79	0.00	-0.04	-1.69	0.0
43301	-211.7	-223.1	-817.4	-357.2	611.5	562.2	0.0144	0.0111	0.0127	11.68	15.12	13.26	0.00	-0.05	-1.70	0.0
43302	-259.5	-188.7	-820.3	-355.5	656.6	525.5	0.0130	0.0119	0.0127	13.41	14.74	13.74	0.00	-0.07	-1.72	0.0
43303	-307.5	-157.0	-826.5	-347.7	702.5	485.6	0.0121	0.0125	0.0127	15.14	14.57	14.36	0.00	-0.09	-1.75	0.0
43304	-354.2	-128.3	-834.2	-334.8	747.1	445.4	0.0108	0.0132	0.0127	17.71	14.51	15.03	0.00	-0.11	-1.78	0.0
43305	292.2	-196.2	-186.4	24.1	-9.7	280.8	0.0266	0.0051	0.0127	11.04	57.83	23.09	0.00	-0.20	-0.77	0.0
43306	283.9	-198.1	-189.3	-38.2	16.4	282.3	0.0264	0.0052	0.0127	10.88	55.43	22.58	0.00	-0.20	-0.77	0.0
43307	273.3	-196.3	-192.3	-63.7	35.7	282.1	0.0260	0.0054	0.0127	10.85	52.33	22.17	0.00	-0.20	-0.76	0.0
43308	259.7	-190.6	-195.1	-88.9	55.2	280.2	0.0254	0.0057	0.0127	10.91	48.64	21.77	0.00	-0.19	-0.76	0.0
43309	242.8	-181.1	-197.8	-113.4	74.7	276.7	0.0246	0.0061	0.0127	11.05	44.61	21.35	0.00	-0.19	-0.76	0.0
43310	222.4	-168.1	-200.3	-136.6	94.2	271.6	0.0236	0.0066	0.0127	11.26	40.49	20.91	0.00	-0.18	-0.76	0.0
43311	198.7	-151.9	-202.5	-157.7	113.6	265.2	0.0225	0.0071	0.0127	11.54	36.49	20.43	0.00	-0.18	-0.76	0.0
43312	171.9	-133.0	-204.4	-176.2	133.0	257.4	0.0213	0.0077	0.0127	11.90	32.74	19.92	0.00	-0.17	-0.75	0.0
43313	142.6	-111.8	-206.0	-191.6	152.2	248.3	0.0199	0.0084	0.0127	12.36	29.33	19.38	0.00	-0.17	-0.75	0.0
43314	111.3	-89.1	-207.2	-203.3	171.0	238.0	0.0185	0.0091	0.0127	12.92	26.28	18.82	0.00	-0.16	-0.74	0.0
43315	78.6	-66.0	-208.4	-211.4	189.5	227.2	0.0171	0.0098	0.0127	13.58	23.56	18.23	0.00	-0.15	-0.74	0.0
43316	45.1	-42.9	-209.5	-215.6	208.1	215.5	0.0156	0.0106	0.0127	14.36	21.18	17.61	0.00	-0.14	-0.74	0.0
43317	11.4	-20.4	-210.8	-216.0	226.3	203.1	0.0141	0.0113	0.0127	15.27	19.08	16.97	0.00	-0.13	-0.74	0.0
43318	-21.9	0.8	-212.4	-212.9	244.7	190.2	0.0127	0.0120	0.0127	16.33	17.25	16.31	0.00	-0.12	-0.73	0.0
43319	-54.5	20.7	-214.3	-206.1	263.1	176.3	0.0117	0.0127	0.0127	16.95	15.65	15.63	0.00	-0.11	-0.73	0.0
43320	-86.1	39.1	-216.3	-195.9	281.8	161.4	0.0105	0.0133	0.0127	18.20	14.28	14.97	0.00	-0.10	-0.74	0.0
43321	331.5	-57.4	-88.4	15.4	-9.5	81.3	0.0266	0.0051	0.0127	12.50	65.46	26.14	0.00	-0.32	-0.49	0.0
43322	321.4	-57.3	-89.7	-28.3	-5.6	82.3	0.0264	0.0052	0.0127	12.29	62.50	25.49	0.00	-0.32	-0.48	0.0
43323	309.7	-55.0	-91.1	-44.4	9.3	83.0	0.0259	0.0054	0.0127	12.15	58.41	24.79	0.00	-0.31	-0.48	0.0
43324	296.0	-50.6	-92.4	-61.2	16.5	83.3	0.0253	0.0057	0.0127	12.11	53.70	24.12	0.00	-0.30	-0.47	0.0
43325	279.8	-44.1	-93.7	-77.8	23.7	83.4	0.0245	0.0061	0.0127	12.15	48.68	23.42	0.00	-0.29	-0.46	0.0
43326	261.2	-35.7	-94.9	-93.3	30.8	83.1	0.0235	0.0066	0.0127	12.26	43.62	22.68	0.00	-0.28	-0.46	0.0
43327	240.3	-25.6	-96.0	-106.9	37.8	82.5	0.0224	0.0072	0.0127	12.43	38.76	21.88	0.00	-0.27	-0.45	0.0
43328	217.3	-14.0	-97.0	-118.2	44.8	81.5	0.0211	0.0078	0.0127	12.66	34.24	21.04	0.00	-0.25	-0.44	0.0
43329	192.9	-1.0	-97.8	-126.9	51.7	79.9	0.0197	0.0085	0.0127	12.97	30.15	20.14	0.00	-0.24	-0.43	0.0
43330	167.6	12.9	-98.5	-132.7	58.5	78.0	0.0183	0.0092	0.0127	13.35	26.52	19.22	0.00	-0.23	-0.42	0.0
43331	141.8	27.3	-99.1	-135.8	65.1	75.8	0.0168	0.0100	0.0127	13.82	23.35	18.29	0.00	-0.21	-0.41	0.0
43332	116.2	42.0	-99.7	-136.2	71.8	73.1	0.0153	0.0107	0.0127	14.42	20.62	17.37	0.00	-0.20	-0.41	0.0
43333	91.2	56.5	-100.3	-134.1	78.4	70.1	0.0138	0.0114	0.0127	15.15	18.31	16.49	0.00	-0.18	-0.40	0.0
43334	67.2	70.6	-101.0	-129.7	85.0	66.7	0.0124	0.0122	0.0127	16.07	16.37	15.67	0.00	-0.17	-0.39	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
43335	44.4	84.3	-101.7	-123.1	91.8	62.9	0.0114	0.0128	0.0127	16.60	14.76	14.92	0.00	-0.16	-0.38	0.0
43336	23.3	97.4	-102.3	-114.3	98.6	57.6	0.0102	0.0135	0.0127	17.81	13.44	14.25	0.00	-0.15	-0.38	0.0
43337	344.1	-3.6	-42.0	-11.8	-10.9	-6.2	0.0266	0.0051	0.0127	12.97	67.93	27.13	0.00	-0.35	-0.39	0.0
43338	332.2	-1.9	-42.6	-25.1	-13.1	-5.6	0.0264	0.0052	0.0127	12.69	64.51	26.32	0.00	-0.34	-0.38	0.0
43339	318.5	1.8	-43.2	-41.5	-15.2	-5.3	0.0259	0.0054	0.0127	12.52	60.03	25.53	0.00	-0.33	-0.37	0.0
43340	302.8	7.3	-43.9	-57.9	-17.2	-5.3	0.0253	0.0057	0.0127	12.44	54.92	24.74	0.00	-0.32	-0.36	0.0
43341	284.9	14.6	-44.5	-72.8	-19.1	-5.7	0.0244	0.0061	0.0127	12.44	49.50	23.93	0.00	-0.31	-0.35	0.0
43342	264.9	23.5	-45.0	-85.7	-20.7	-6.2	0.0234	0.0066	0.0127	12.51	44.09	23.07	0.00	-0.29	-0.34	0.0
43343	243.0	33.6	-45.5	-96.0	-22.0	-6.8	0.0223	0.0072	0.0127	12.64	38.90	22.14	0.00	-0.28	-0.33	0.0
43344	219.8	44.4	-46.0	-103.5	-22.8	-7.6	0.0210	0.0079	0.0127	12.82	34.10	21.14	0.00	-0.27	-0.32	0.0
43345	195.8	55.6	-46.3	-108.1	-23.3	-8.4	0.0196	0.0086	0.0127	13.05	29.77	20.10	0.00	-0.25	-0.31	0.0
43346	171.6	66.8	-46.6	-110.0	-23.2	9.3	0.0181	0.0093	0.0127	13.44	26.11	19.13	0.00	-0.25	-0.29	0.0
43347	147.9	77.8	-46.8	-109.4	-22.8	10.9	0.0166	0.0101	0.0127	13.86	22.83	18.09	0.00	-0.23	-0.28	0.0
43348	125.1	88.4	-47.0	-106.5	-21.9	12.4	0.0151	0.0108	0.0127	14.41	20.05	17.08	0.00	-0.22	-0.27	0.0
43349	103.8	98.8	-47.2	-101.6	-20.7	13.6	0.0136	0.0116	0.0127	15.13	17.73	16.15	0.00	-0.21	-0.26	0.0
43350	84.2	109.0	-47.4	-95.2	-19.1	14.6	0.0121	0.0123	0.0127	16.08	15.84	15.33	0.00	-0.19	-0.25	0.0
43351	66.4	119.1	-47.6	-87.4	-17.4	15.0	0.0111	0.0130	0.0127	16.71	14.34	14.65	0.00	-0.18	-0.24	0.0
43352	51.0	129.3	-47.5	-78.2	-15.5	-14.3	0.0099	0.0136	0.0127	17.95	13.06	13.98	0.00	-0.17	-0.23	0.0
43353	345.8	3.5	1.2	-9.8	-12.9	-25.4	0.0266	0.0051	0.0127	13.04	68.26	27.26	0.00	-0.32	-0.37	0.0
43354	331.9	6.2	1.4	-30.8	-16.6	-24.6	0.0263	0.0052	0.0127	12.73	64.65	26.40	0.00	-0.31	-0.36	0.0
43355	315.7	11.7	1.5	-51.2	-20.4	-23.4	0.0259	0.0054	0.0127	12.54	60.02	25.57	0.00	-0.30	-0.35	0.0
43356	296.9	19.7	1.6	-69.3	-24.1	-22.3	0.0252	0.0057	0.0127	12.45	54.74	24.73	0.00	-0.29	-0.34	0.0
43357	275.7	29.7	1.7	-84.7	-27.6	-22.0	0.0244	0.0062	0.0127	12.44	49.15	23.87	0.00	-0.27	-0.33	0.0
43358	252.4	41.3	1.7	-96.9	-30.6	-22.5	0.0233	0.0067	0.0127	12.49	43.58	22.94	0.00	-0.26	-0.32	0.0
43359	227.4	53.6	1.8	-105.7	-33.1	-23.3	0.0222	0.0073	0.0127	12.58	38.26	21.93	0.00	-0.24	-0.31	0.0
43360	201.4	66.2	1.9	-110.9	-34.9	-24.2	0.0208	0.0079	0.0127	12.73	33.35	20.86	0.00	-0.22	-0.30	0.0
43361	175.4	78.3	2.0	-112.8	-36.1	-25.0	0.0194	0.0087	0.0127	12.92	28.95	19.73	0.00	-0.21	-0.29	0.0
43362	149.9	89.7	2.1	-111.6	-36.6	-25.7	0.0179	0.0094	0.0127	13.19	25.10	18.58	0.00	-0.19	-0.28	0.0
43363	125.7	100.1	2.1	-107.7	-36.4	-26.2	0.0164	0.0102	0.0127	13.55	21.79	17.45	0.00	-0.17	-0.26	0.0
43364	103.5	109.3	2.2	-101.6	-35.8	-26.4	0.0148	0.0109	0.0127	14.04	19.02	16.39	0.00	-0.16	-0.25	0.0
43365	83.4	117.7	2.2	-94.0	-34.7	-26.3	0.0133	0.0117	0.0127	14.73	16.76	15.44	0.00	-0.15	-0.24	0.0
43366	65.8	125.6	2.2	-85.4	-33.2	-26.0	0.0119	0.0124	0.0127	15.69	14.98	14.65	0.00	-0.14	-0.22	0.0
43367	50.5	133.6	2.4	-76.0	-31.6	-25.6	0.0109	0.0131	0.0127	16.42	13.65	14.07	0.00	-0.13	-0.22	0.0
43368	38.4	141.8	2.7	-66.1	-30.6	-25.4	0.0097	0.0137	0.0127	18.08	12.72	13.74	0.00	-0.13	-0.21	0.0
43433	374.4	-15.9	-43.1	-10.8	-27.8	19.2	0.0266	0.0051	0.0127	14.17	74.20	29.63	0.00	-0.38	-0.43	0.0
43434	364.5	-14.3	-43.5	-38.3	-31.6	21.6	0.0263	0.0052	0.0127	14.08	71.51	29.20	0.00	-0.38	-0.43	0.0
43435	350.6	-8.5	-44.2	-64.3	-35.3	24.6	0.0259	0.0054	0.0127	14.11	67.52	28.76	0.00	-0.38	-0.42	0.0
43436	332.8	2.1	-44.9	-87.9	-38.6	28.3	0.0252	0.0057	0.0127	14.24	62.61	28.29	0.00	-0.37	-0.42	0.0
43437	311.4	15.8	-45.4	-108.6	-41.4	32.5	0.0244	0.0062	0.0127	14.48	57.21	27.78	0.00	-0.36	-0.41	0.0
43438	286.8	32.0	-45.8	-125.8	-43.4	37.1	0.0233	0.0067	0.0127	14.82	51.70	27.22	0.00	-0.36	-0.41	0.0
43439	259.6	49.8	-46.1	-139.1	-44.3	41.8	0.0222	0.0073	0.0127	15.25	46.36	26.58	0.00	-0.35	-0.40	0.0
43440	230.8	68.5	-46.1	-148.3	-44.1	46.4	0.0208	0.0079	0.0127	15.79	41.37	25.87	0.00	-0.34	-0.39	0.0
43441	201.2	87.5	-45.9	-153.4	-42.6	50.6	0.0194	0.0087	0.0127	16.45	36.85	25.11	0.00	-0.33	-0.38	0.0
43442	171.7	106.1	-45.5	-154.7	41.4	54.0	0.0179	0.0094	0.0127	16.59	31.57	23.37	0.00	-0.26	-0.40	0.0
43443	143.3	124.0	-45.1	-152.5	43.4	56.6	0.0164	0.0102	0.0127	17.50	28.16	22.55	0.00	-0.25	-0.39	0.0
43444	116.4	141.0	-44.6	-147.4	44.6	58.1	0.0148	0.0109	0.0127	18.68	25.32	21.81	0.00	-0.24	-0.38	0.0
43445	91.5	157.0	-44.1	-139.9	45.2	58.5	0.0133	0.0117	0.0127	20.19	22.98	21.17	0.00	-0.23	-0.37	0.0
43446	68.8	172.1	-43.5	-130.4	45.4	57.6	0.0119	0.0124	0.0127	22.11	21.11	20.65	0.00	-0.22	-0.37	0.0
43447	48.5	186.5	-42.8	-119.1	45.3	55.5	0.0109	0.0131	0.0127	23.63	19.64	20.25	0.00	-0.22	-0.36	0.0
43448	31.3	200.0	-42.3	-106.3	44.4	52.6	0.0097	0.0137	0.0127	26.31	18.51	19.99	0.00	-0.22	-0.35	0.0
43513	375.3	-9.4	-169.8	-11.6	-34.8	65.8	0.0266	0.0051	0.0127	14.23	74.51	29.76	0.00	-0.37	-0.57	0.0
43514	369.2	-6.3	-172.7	-39.5	-37.8	69.3	0.0263	0.0052	0.0127	14.31	72.66	29.67	0.00	-0.37	-0.58	0.0
43515	358.6	1.1	-176.4	-66.1	-40.1	73.3	0.0259	0.0054	0.0127	14.50	69.37	29.55	0.00	-0.36	-0.58	0.0
43516	343.6	12.5	-180.2	-90.7	-41.9	78.0	0.0252	0.0057	0.0127	14.79	65.02	29.38	0.00	-0.36	-0.58	0.0
43517	324.4	27.1	-183.7	-112.5	-42.9	83.1	0.0244	0.0062	0.0127	15.20	60.04	29.16	0.00	-0.36	-0.58	0.0
43518	301.6	44.4	-186.8	-131.1	43.7	88.6	0.0233	0.0067	0.0127	15.28	53.32	28.07	0.00	-0.32	-0.59	0.0
43519	275.8	63.7	-189.3	-145.9	53.7	93.9	0.0222	0.0073	0.0127	15.80	48.05	27.55	0.00	-0.31	-0.59	0.0
43520	247.8	84.2	-191.2	-156.6	62.6	98.9	0.0208	0.0079	0.0127	16.45	43.11	26.96	0.00	-0.30	-0.59	0.0
43521	218.7	105.3	-192.5	-163.1	70.4	103.2	0.0194	0.0087	0.0127	17.25	38.64	26.33	0.00	-0.28	-0.59	0.0
43522	189.4	126.4	-193.0	-165.6	76.9	106.4	0.0179	0.0094	0.0127	18.24	34.72	25.70	0.00	-0.27	-0.59	0.0
43523	160.8	147.0	-192.8	-164.6	82.2	108.4	0.0164	0.0102	0.0127	19.49	31.36	25.11	0.00	-0.26	-0.58	0.0
43524	133.5	167.0	-192.2	-160.3	86.5	108.8	0.0148	0.0109	0.0127	21.08	28.56	24.60	0.00	-0.25	-0.58	0.0
43525	107.8	186.2	-191.3	-153.2	89.8	107.8	0.0133	0.0117	0.0127	23.06	26.25	24.17	0.00	-0.25	-0.57	0.0
43526	84.2	204.3	-190.3	-143.5	92.2	105.2	0.0119	0.0124	0.0127	25.51	24.37	23.83	0.00	-0.24	-0.57	0.0
43527	62.6	221.3	-189.2	-131.5	94.0	101.3	0.0109	0.0131	0.0127	27.50	22.85	23.57	0.00	-0.24	-0.56	0.0
43528	44.3	237.2	-188.2	-117.7	95.1	95.9	0.0097	0.0137	0.0127	30.83	21.69	23.43	0.00	-0.24	-0.56	0.0
43593	351.2	-1.6	-333.4	-11.7	-41.7	71.1	0.0266	0.0051	0.0127	13.34	69.84	27.89	0.00	-0.34	-0.70	0.0
43594	348.3	2.1	-339.8	-37.8	-43.4	75.2	0.0263	0.0052	0.0127	13.52	68.66	28.03	0.00	-0.34	-0.71	0.0
43595	341.1	9.5	-347.7	-63.0	-46.0	80.1	0.0259	0.0054	0.0127	13.81	66.10	28.15	0.00	-0.35	-0.72	0.0
43596	329.3	20.6	-355.9	-86.5	-48.3	85.8	0.0252	0.0057	0.0127	14.21	62.45	28.22	0.00	-0.35	-0.73	0.0
43597	313.2	34.8	-363.5	-107.8	-49.8	92.2	0.0244	0.0062	0.0127	14.70	58.08	28.20	0.00	-0.35	-0.74	0.0
43598	293.3	51.7	-370.4	-126.0	-50.1	98.9	0.0233	0.0067	0.0127	15.30	53.39	28.10	0.00	-0.35	-0.75	0.0
43599	270.1	70.7	-376.5	-140.8	59.8	105.7	0.0222	0.0073	0.0127	15.48	47.07	26.99	0.00	-0.31	-0.76	0.0
43600	244.6	91.1	-381.9	-151.7	70.1	112.1	0.0208	0.0079	0.0127	16.22	42.51	26.59	0.00	-0.30	-0.76	0.0
43601	217.8	112.3	-386.2	-158.7	79.0	117.7	0.0194	0.0087	0.0127	17.12	38.36	26.15	0.00	-0.29	-0.77	0.0
43602	190.6	133.5	-389.2	-161.8	86.4	122.2	0.0179	0.0094	0.0127	18.24	34.72	25.70	0.00	-0.28	-0.77	0.0
43603	163.9	154.6	-390.9	-161.6	92.3	125.3	0.0164	0.0102	0.0127	19.64	31.61	25.31	0.00	-0.27	-0.77	0.0
43604	138.2	175.3	-391.6	-158.2	96.9	126.8	0.0148	0.0109	0.0127	21.41	29.01	24.99	0.00	-0.27	-0.77	0.0
43605	113.8	195.4	-391.5	-152.0	100.4	126.7	0.0133	0.0117	0.0127	23.60	26.86	24.74	0.00	-0.26	-0.76	0.0
43606	91.1	214.4	-390.8	-142.9	102.8	125.0	0.0119	0.0124	0.0127	26.29	25.10	24.55	0.00	-0.26	-0.76	0.0
43607	70.1	232.2	-389.6	-131.2	104.2	121.7	0.0109	0.0131	0.0127	28.48	23.67	24.41	0.00	-0.26	-0.76	0.0
43608	52.2	248.4	-388.1	-117.5	105.0	117.0	0.0097	0.0137	0.0127	32.03	22.54	24.34	0.00	-0.27	-0.75	0.0
43673	318.1	-0.4	-486.8	-11.6	-51.8	60.1	0.0266	0.0051	0.0127	12.12	63.48	25.35	0.00	-0.32	-0.82	0.0
43674	317.9	3.2	-497.4	-35.6	-49.6	64.4	0.0263	0.0052	0.0127	12.36	62.79	25.64	0.00	-0.32	-0.83	0.0
43675	313.5	10.2	-510.5	-59.0	-51.4	70.0	0.0259	0.0054	0.0127	12.72	60.87	25.93	0.00	-0.32	-0.85	0.0
43676	304.6	20.6	-523.1	-81.2	-54.4	76.6	0.0252	0.0057	0.0127	13.17	57.87	26.15	0.00	-0.33	-0.87	0.0
43677	291.2	34.1	-534.5	-101.4	-56.9	84.0	0.0244	0.0062	0.0127	13.70	54.13	26.29	0.00	-0.33	-0.88	0.0
43678	273.9	50.3	-544.9	-118.9	-58.2	91.8	0.0233	0.0067	0.0127	14.33	50.03	26.33	0.00	-0.33	-0.90	0.0
43679	253.5	68.6	-554.7	-133.4	61.3	99.8	0.0222	0.0073	0.0127	14.60	44.39	25.45	0.00	-0.30	-0.90	0.0
43680	230.7	88.5	-563.7	-144.2	71.4	107.6	0.0208	0.0079	0.0127	15.38	40.31	25.21	0.00	-0.29	-0.91	0.0
43681	206.4	109.1	-571.6	-151.5	79.9	114.8	0.0194	0.0087	0.0127	16.33	36.58	24.93	0.00	-0.29	-0.92	0.0
43682	181.7	130.1	-578.1	-155.2	86.7	120.8	0.0179	0.0094	0.0127	17.50	33.30	24.66	0.00	-0.28	-0.93	0.0
43683	157.3	151.1	-582.9	-155.8	91.9	125.5	0.0164	0.0102	0.0127	18.97	30.52	24.44	0.00	-0.27	-0.93	0.0
43684	133.7	172.1	-586.2	-153.6	95.7	128.7	0.0148	0.0109	0.0127	20.83	28.23	24.32	0.00	-0.27	-0.94	0.0
43685	111.1	192.8	-588.2	-148.5	98.5	130.5	0.0133	0.0117	0.0127	23.15	26.34	24.26	0.00	-0.27	-0.94	0.0
43686	89.6	212.6	-588.9	-140.4	100.1	131.0	0.0119	0.0124	0.0127	25.95	24.78	24.24	0.00	-0.27	-0.94	0.0
43687	69.4	231.0	-588.0	-129.4	100.5	129.8	0.0109	0.0131	0.0127	28.26	23.48	24.22	0.00	-0.27	-0.94	0.0
43688	52.0	247.8	-585.8	-116.0	100.0	126.9	0.0097	0.0137	0.0127	31.91	22.45	24.25	0.00	-0.28	-0.93	0.0
43689	713.5	-74.3	-481.0	423.6	-204.9	445.4	0.0555	0.0132	0.0244	16.19	68.24	36.75	0.00	-0.77	-1.77	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
43690	667.1	-56.3	-364.5	473.3	-301.0	355.8	0.0567	0.0125	0.0244	16.08	72.83	37.34	0.00	-0.79	-1.70	0.0
43691	542.0	-74.7	-433.6	453.9	-332.2	381.7	0.0577	0.0119	0.0127	13.79	67.12	62.60	0.00	-0.68	-1.67	0.0
43692	439.4	-101.5	-481.3	416.4	-344.9	411.5	0.0144	0.0111	0.0127	46.99	60.86	53.38	0.00	-0.56	-1.62	0.0
43693	358.5	-133.2	-523.6	381.5	-348.6	448.1	0.0159	0.0104	0.0127	36.37	55.41	45.45	0.00	-0.45	-1.58	0.0
43694	296.4	-166.9	-556.9	352.0	-345.8	485.9	0.0173	0.0097	0.0127	28.54	51.00	38.92	0.00	-0.36	-1.55	0.0
43695	248.2	-202.7	-585.2	327.2	-339.3	526.0	0.0188	0.0090	0.0127	22.71	47.40	33.52	0.00	-0.28	-1.54	0.0
43696	211.1	-239.7	-609.5	304.8	-327.5	567.6	0.0201	0.0083	0.0127	18.28	44.36	28.96	0.00	-0.21	-1.53	0.0
43697	183.7	-276.7	-630.1	283.2	-310.9	607.6	0.0214	0.0076	0.0127	14.92	41.80	25.16	0.00	-0.15	-1.53	0.0
43698	164.3	-313.5	-648.4	261.2	-289.5	646.0	0.0226	0.0070	0.0127	12.35	39.64	21.99	0.00	-0.10	-1.53	0.0
43699	151.4	-349.3	-665.0	237.5	-262.9	681.9	0.0237	0.0065	0.0127	10.40	37.87	19.40	0.00	-0.06	-1.54	0.0
43700	143.6	-383.4	-680.2	211.4	-231.1	714.5	0.0246	0.0060	0.0127	9.04	36.82	17.52	0.00	-0.04	-1.55	0.0
43701	139.5	-415.1	-694.4	182.5	-194.4	743.2	0.0254	0.0057	0.0127	8.34	37.38	16.67	0.00	-0.04	-1.57	0.0
43702	137.6	-443.3	-707.7	150.6	-153.4	767.6	0.0260	0.0054	0.0127	8.07	39.01	16.49	0.00	-0.05	-1.59	0.0
43703	136.5	-467.4	-720.4	115.8	-108.9	787.1	0.0264	0.0052	0.0127	7.91	40.34	16.42	0.00	-0.06	-1.62	0.0
43704	135.0	-486.3	-732.4	78.2	-62.7	801.4	0.0266	0.0051	0.0127	7.78	40.74	16.26	0.00	-0.07	-1.63	0.0
43705	684.6	-26.9	-346.5	332.5	126.7	400.3	0.0551	0.0133	0.0244	15.93	65.91	35.94	0.00	-0.82	-1.50	0.0
43706	683.5	67.9	-99.2	410.7	-74.7	152.7	0.0564	0.0127	0.0244	15.76	70.02	36.38	0.00	-0.84	-1.18	0.0
43707	574.7	66.8	-121.5	406.4	-104.3	141.6	0.0574	0.0120	0.0127	13.95	66.62	62.99	0.00	-0.77	-1.12	0.0
43708	500.2	48.9	-129.1	370.3	-114.4	149.1	0.0588	0.0113	0.0127	12.06	62.74	55.80	0.00	-0.67	-1.04	0.0
43709	447.8	26.0	-138.8	333.7	-118.8	160.0	0.0156	0.0106	0.0127	40.59	59.85	49.78	0.00	-0.58	-0.98	0.0
43710	410.4	1.4	-146.2	301.6	-119.7	172.2	0.0171	0.0098	0.0127	33.48	58.10	44.95	0.00	-0.52	-0.93	0.0
43711	382.5	-23.6	-152.3	273.6	-118.4	185.0	0.0185	0.0091	0.0127	28.13	57.23	41.00	0.00	-0.46	-0.90	0.0
43712	361.4	-48.4	-157.4	248.5	-115.1	198.4	0.0199	0.0084	0.0127	24.05	57.07	37.71	0.00	-0.41	-0.87	0.0
43713	345.5	-72.4	-161.8	225.0	-110.0	211.6	0.0213	0.0077	0.0127	20.89	57.46	34.95	0.00	-0.37	-0.85	0.0
43714	333.7	-95.3	-165.7	202.2	-103.1	224.4	0.0225	0.0071	0.0127	18.42	58.24	32.60	0.00	-0.34	-0.83	0.0
43715	325.0	-116.7	-169.1	179.1	-94.3	236.4	0.0236	0.0066	0.0127	16.47	59.25	30.59	0.00	-0.31	-0.82	0.0
43716	318.5	-136.4	-172.3	155.5	-83.5	247.4	0.0246	0.0061	0.0127	14.93	60.29	28.85	0.00	-0.28	-0.81	0.0
43717	313.3	-154.0	-175.3	131.0	-70.9	257.2	0.0254	0.0057	0.0127	13.71	61.11	27.35	0.00	-0.26	-0.80	0.0
43718	308.7	-169.1	-178.1	105.5	-56.7	265.5	0.0260	0.0054	0.0127	12.75	61.47	26.04	0.00	-0.24	-0.79	0.0
43719	304.1	-181.3	-180.8	79.0	-41.4	272.3	0.0264	0.0052	0.0127	12.01	61.14	24.91	0.00	-0.23	-0.78	0.0
43720	298.7	-190.5	-183.6	51.8	-25.8	277.4	0.0266	0.0051	0.0127	11.45	59.94	23.94	0.00	-0.22	-0.77	0.0
43721	653.2	-0.8	-304.5	274.2	234.1	449.6	0.0548	0.0135	0.0244	16.11	65.58	36.16	0.00	-0.79	-1.51	0.0
43722	631.1	103.2	-59.8	388.7	70.5	136.0	0.0561	0.0128	0.0244	15.23	66.52	34.97	0.00	-0.86	-1.03	0.0
43723	526.7	120.7	-65.8	372.8	31.7	81.9	0.0571	0.0122	0.0127	13.21	61.98	59.33	0.00	-0.78	-0.90	0.0
43724	471.7	107.0	-65.4	337.9	-27.6	71.3	0.0585	0.0114	0.0127	11.51	58.84	53.00	0.00	-0.68	-0.83	0.0
43725	440.3	88.1	-69.2	303.0	-32.2	67.5	0.0600	0.0107	0.0127	10.25	57.42	48.37	0.00	-0.62	-0.77	0.0
43726	420.2	68.6	-72.1	271.7	-34.9	65.8	0.0168	0.0100	0.0127	33.78	57.05	44.69	0.00	-0.57	-0.72	0.0
43727	406.2	49.7	-74.6	243.5	-36.4	65.2	0.0183	0.0092	0.0127	28.94	57.50	41.68	0.00	-0.53	-0.68	0.0
43728	395.5	31.9	-76.8	217.8	-37.1	65.6	0.0197	0.0085	0.0127	25.20	58.58	39.14	0.00	-0.50	-0.65	0.0
43729	387.1	15.4	-78.6	193.5	-37.0	66.7	0.0211	0.0078	0.0127	22.25	60.15	36.95	0.00	-0.47	-0.62	0.0
43730	380.0	0.2	-80.1	170.1	-36.2	68.3	0.0224	0.0072	0.0127	19.90	62.05	35.03	0.00	-0.44	-0.59	0.0
43731	373.7	-13.6	-81.5	147.2	-34.5	70.2	0.0235	0.0066	0.0127	18.01	64.10	33.33	0.00	-0.42	-0.57	0.0
43732	367.7	-25.8	-82.8	124.6	-31.9	72.3	0.0245	0.0061	0.0127	16.49	66.09	31.79	0.00	-0.40	-0.56	0.0
43733	361.6	-36.2	-83.9	102.1	-28.3	74.4	0.0253	0.0057	0.0127	15.27	67.73	30.41	0.00	-0.38	-0.54	0.0
43734	355.2	-44.7	-85.0	79.7	-23.8	76.5	0.0259	0.0054	0.0127	14.29	68.72	29.17	0.00	-0.36	-0.52	0.0
43735	348.1	-51.1	-86.1	57.7	-18.4	78.3	0.0264	0.0052	0.0127	13.52	68.78	28.04	0.00	-0.35	-0.51	0.0
43736	340.3	-55.4	-87.2	36.1	-13.2	80.0	0.0266	0.0051	0.0127	12.93	67.71	27.04	0.00	-0.33	-0.50	0.0
43737	595.7	27.3	-257.1	239.2	379.0	592.5	0.0546	0.0215	0.0244	17.92	45.57	40.02	0.00	-0.85	-1.72	0.0
43738	494.8	126.6	-38.3	359.5	116.7	171.2	0.0558	0.0130	0.0244	13.61	58.52	31.09	0.00	-0.77	-0.93	0.0
43739	407.7	142.9	-38.8	331.3	79.8	86.1	0.0568	0.0123	0.0127	11.46	52.92	51.23	0.00	-0.69	-0.75	0.0
43740	385.2	141.2	-34.3	307.2	61.3	57.0	0.0582	0.0116	0.0127	10.38	52.19	47.56	0.00	-0.64	-0.68	0.0
43741	377.0	132.9	-35.6	283.1	50.0	40.8	0.0597	0.0108	0.0127	9.54	52.63	44.86	0.00	-0.61	-0.63	0.0
43742	376.5	117.8	-36.4	259.2	42.0	29.2	0.0613	0.0101	0.0127	8.84	53.76	42.60	0.00	-0.58	-0.59	0.0
43743	378.2	100.5	-37.3	235.7	35.0	20.0	0.0181	0.0093	0.0127	28.50	55.38	40.59	0.00	-0.55	-0.56	0.0
43744	380.4	82.8	-38.1	212.3	28.5	12.7	0.0196	0.0086	0.0127	25.18	57.43	38.77	0.00	-0.52	-0.53	0.0
43745	382.0	65.6	-38.7	188.9	22.5	-12.1	0.0210	0.0079	0.0127	22.45	59.72	37.03	0.00	-0.48	-0.52	0.0
43746	382.7	49.5	-39.3	165.2	16.9	-11.7	0.0223	0.0072	0.0127	20.26	62.35	35.49	0.00	-0.46	-0.50	0.0
43747	382.1	35.0	-39.8	141.3	11.7	-11.1	0.0234	0.0066	0.0127	18.46	65.03	34.03	0.00	-0.44	-0.48	0.0
43748	379.9	22.5	-40.2	117.3	-10.6	-10.3	0.0244	0.0061	0.0127	17.00	67.61	32.68	0.00	-0.43	-0.46	0.0
43749	376.1	12.3	-40.6	93.5	-10.9	-9.3	0.0253	0.0057	0.0127	15.79	69.70	31.40	0.00	-0.41	-0.44	0.0
43750	370.5	4.6	-40.9	70.0	-10.6	-8.3	0.0259	0.0054	0.0127	14.80	71.01	30.19	0.00	-0.39	-0.43	0.0
43751	363.2	-0.5	-41.2	47.2	-9.7	-7.5	0.0264	0.0052	0.0127	14.02	71.26	29.08	0.00	-0.38	-0.41	0.0
43752	354.4	-3.2	-41.6	25.6	-9.2	-6.9	0.0266	0.0051	0.0127	13.41	70.23	28.05	0.00	-0.36	-0.40	0.0
43753	401.6	96.2	-225.3	203.6	691.5	1014.5	0.0543	0.0216	0.0244	25.15	63.33	55.93	0.00	-1.26	-2.57	0.0
43754	218.6	168.4	-17.4	216.9	155.6	289.2	0.0556	0.0210	0.0244	10.39	27.56	23.64	0.00	-0.56	-0.81	0.0
43755	229.1	227.2	-9.3	240.9	129.6	150.4	0.0565	0.0124	0.0127	9.55	43.47	42.52	0.00	-0.55	-0.62	0.0
43756	247.6	240.2	-3.7	254.4	94.3	93.6	0.0580	0.0117	0.0127	9.16	45.40	41.80	0.00	-0.54	-0.57	0.0
43757	271.2	223.5	-3.0	254.8	78.8	61.0	0.0595	0.0109	0.0127	8.77	47.69	41.08	0.00	-0.53	-0.55	0.0
43758	294.4	196.1	-2.5	247.6	66.9	39.1	0.0611	0.0102	0.0127	8.34	50.02	40.06	0.00	-0.51	-0.53	0.0
43759	315.4	165.8	-2.2	234.6	57.1	22.5	0.0179	0.0094	0.0127	27.58	52.50	38.87	0.00	-0.49	-0.52	0.0
43760	333.7	135.5	-1.9	217.4	48.2	-17.1	0.0194	0.0087	0.0127	24.51	54.92	37.43	0.00	-0.44	-0.52	0.0
43761	348.9	107.0	-1.6	197.0	39.7	-18.2	0.0208	0.0079	0.0127	22.11	57.94	36.24	0.00	-0.43	-0.50	0.0
43762	360.7	81.2	-1.3	173.9	31.8	-18.9	0.0222	0.0073	0.0127	20.09	61.07	35.02	0.00	-0.42	-0.48	0.0
43763	368.9	58.7	-1.0	148.9	24.3	-19.5	0.0233	0.0067	0.0127	18.39	64.18	33.78	0.00	-0.40	-0.46	0.0
43764	373.4	39.8	-0.7	122.6	17.4	-20.5	0.0244	0.0062	0.0127	16.97	67.06	32.57	0.00	-0.39	-0.44	0.0
43765	374.3	24.8	-0.3	95.7	11.1	-22.7	0.0252	0.0057	0.0127	15.80	69.44	31.38	0.00	-0.37	-0.42	0.0
43766	371.6	13.7	0.2	68.7	5.6	-24.5	0.0259	0.0054	0.0127	14.84	71.01	30.24	0.00	-0.36	-0.41	0.0
43767	365.8	6.7	0.6	42.3	-7.0	-25.5	0.0263	0.0052	0.0127	14.08	71.49	29.19	0.00	-0.35	-0.39	0.0
43768	357.1	3.5	0.9	17.1	-9.4	-25.8	0.0266	0.0051	0.0127	13.48	70.58	28.19	0.00	-0.33	-0.38	0.0
43833	215.7	282.8	-247.4	199.5	864.1	1106.7	0.0543	0.0216	0.0244	28.50	71.76	63.38	0.00	-1.50	-2.89	0.0
43834	50.1	168.0	-135.8	113.5	382.9	728.1	0.0556	0.0210	0.0244	16.08	42.63	36.57	0.00	-0.91	-1.69	0.0
43835	82.2	148.0	-61.2	109.6	279.3	414.7	0.0565	0.0124	0.0127	10.69	48.65	47.58	0.00	-0.60	-1.04	0.0
43836	120.3	153.8	-48.0	148.6	201.8	268.5	0.0580	0.0117	0.0127	8.51	42.20	38.86	0.00	-0.50	-0.75	0.0
43837	163.4	169.0	-44.0	181.2	157.2	186.6	0.0595	0.0109	0.0127	7.80	42.39	36.52	0.00	-0.48	-0.63	0.0
43838	202.6	161.8	-43.4	198.2	125.3	135.2	0.0611	0.0102	0.0127	7.37	44.20	35.39	0.00	-0.46	-0.56	0.0
43839	238.2	143.1	-43.7	203.5	100.1	99.3	0.0179	0.0094	0.0127	24.58	46.78	34.64	0.00	-0.46	-0.53	0.0
43840	270.2	119.2	-44.2	200.0	78.6	73.2	0.0194	0.0087	0.0127	22.27	49.90	34.01	0.00	-0.45	-0.50	0.0
43841	298.6	93.5	-44.7	189.8	59.8	53.9	0.0208	0.0079	0.0127	20.40	53.48	33.45	0.00	-0.44	-0.49	0.0
43842	323.3	68.3	-45.0	174.1	43.1	39.8	0.0222	0.0073	0.0127	18.89	57.42	32.92	0.00	-0.43	-0.48	0.0
43843	343.9	45.0	-45.2	153.9	-31.1	29.8	0.0233	0.0067	0.0127	17.55	61.23	32.23	0.00	-0.40	-0.48	0.0
43844	360.2	24.5	-45.0	130.3	-32.1	23.0	0.0244	0.0062	0.0127	16.65	65.79	31.95	0.00	-0.40	-0.47	0.0
43845	372.0	7.6	-44.6	104.2	-31.6	18.9	0.0252	0.0057	0.0127	15.89	69.84	31.56	0.00	-0.40	-0.46	0.0
43846	379.1	-5.0	-44.1	76.2	-29.5	16.9	0.0259	0.0054	0.0127	15.26	73.02	31.10	0.00	-0.40	-0.45	0.0
43847	381.8	-12.3	-43.5	47.3	-26.3	16.6	0.0263	0.0052	0.0127	14.76	74.93	30.59	0.00	-0.40	-0.44	0.0
43848	380.2	-15.3	-43.1	18.2	-24.9	17.6	0.0266	0.0051	0.0127	14.39	75.34	30.09	0.00	-0.39	-0.44	0.0
43913	332.5	384.6	-262.5	284.3	837.0	1072.4	0.0543	0.0216	0.0244	29.87	75.22	66.43	0.00	-1.55	-2.87	0.0
43914	63.9	240.2	-249.8	141.8	411.2	773.0	0.0556	0.0210	0.0244	17.19	45.57	39.09	0.00	-0.97	-1.84	0.0
43915	82.9	179.0	-190.7	124.3	343.5	550.1	0.0565	0.0124	0.0127	12.80	58.23	56.95	0.00	-0.73	-1.37	0.0
43916	89.5	156.1	-165.6	124.4	255.0	380.3	0.0580	0.0117	0.0127	9.41	46.63	42.94	0.00	-0.55	-1.01	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
43917	115.3	145.0	-158.8	136.3	196.5	274.2	0.0595	0.0109	0.0127	7.60	41.31	35.58	0.00	-0.46	-0.80	0.0
43918	153.7	139.9	-158.2	155.8	151.8	205.4	0.0611	0.0102	0.0127	6.79	40.71	32.60	0.00	-0.42	-0.69	0.0
43919	192.2	129.0	-159.8	167.8	116.6	158.1	0.0179	0.0094	0.0127	22.18	42.22	31.26	0.00	-0.40	-0.63	0.0
43920	228.3	111.9	-162.0	171.1	87.3	124.7	0.0194	0.0087	0.0127	20.03	44.88	30.59	0.00	-0.39	-0.60	0.0
43921	261.2	91.6	-164.0	167.1	62.4	101.0	0.0208	0.0079	0.0127	18.46	48.38	30.26	0.00	-0.38	-0.58	0.0
43922	290.7	70.4	-165.7	156.7	-61.8	84.2	0.0222	0.0073	0.0127	16.82	51.14	29.32	0.00	-0.33	-0.59	0.0
43923	316.4	49.9	-166.9	141.2	-63.1	72.8	0.0233	0.0067	0.0127	16.23	56.64	29.82	0.00	-0.35	-0.59	0.0
43924	337.9	31.3	-167.6	121.4	-62.3	65.6	0.0244	0.0062	0.0127	15.70	62.02	30.12	0.00	-0.36	-0.59	0.0
43925	354.8	15.6	-167.8	98.2	-59.1	61.6	0.0252	0.0057	0.0127	15.22	66.92	30.24	0.00	-0.37	-0.58	0.0
43926	366.9	3.3	-167.7	72.5	-53.2	60.3	0.0259	0.0054	0.0127	14.82	70.92	30.21	0.00	-0.37	-0.58	0.0
43927	374.3	-4.9	-167.6	45.1	-44.4	61.0	0.0263	0.0052	0.0127	14.50	73.64	30.07	0.00	-0.37	-0.58	0.0
43928	377.0	-8.9	-168.1	16.9	-33.8	62.9	0.0266	0.0051	0.0127	14.28	74.78	29.87	0.00	-0.37	-0.57	0.0
43993	479.3	477.2	-303.4	380.6	790.5	1063.0	0.0543	0.0216	0.0244	31.62	79.61	70.31	0.00	-1.61	-2.89	0.0
43994	75.7	283.5	-370.0	164.7	397.0	757.5	0.0556	0.0210	0.0244	16.82	44.60	38.26	0.00	-0.95	-1.87	0.0
43995	97.6	205.7	-343.8	137.0	357.5	574.7	0.0565	0.0124	0.0127	12.85	58.46	57.17	0.00	-0.72	-1.50	0.0
43996	97.1	169.0	-324.1	129.9	285.2	427.8	0.0580	0.0117	0.0127	9.74	48.25	44.43	0.00	-0.57	-1.19	0.0
43997	113.8	147.8	-315.2	130.7	227.0	317.2	0.0595	0.0109	0.0127	7.70	41.86	36.06	0.00	-0.46	-0.97	0.0
43998	136.2	132.5	-314.1	135.9	178.0	238.9	0.0611	0.0102	0.0127	6.45	38.68	30.98	0.00	-0.39	-0.83	0.0
43999	164.6	118.8	-316.2	141.7	137.4	183.2	0.0179	0.0094	0.0127	20.09	38.24	28.31	0.00	-0.36	-0.76	0.0
44000	195.4	103.5	-319.2	144.6	103.4	143.5	0.0194	0.0087	0.0127	17.74	39.75	27.09	0.00	-0.34	-0.71	0.0
44001	225.8	86.5	-322.1	142.5	-76.7	115.1	0.0208	0.0079	0.0127	15.11	39.60	24.77	0.00	-0.27	-0.69	0.0
44002	254.5	68.7	-324.6	135.2	-80.3	95.1	0.0222	0.0073	0.0127	14.75	44.85	25.71	0.00	-0.29	-0.69	0.0
44003	280.4	51.2	-326.6	123.1	-81.7	81.3	0.0233	0.0067	0.0127	14.43	50.35	26.50	0.00	-0.31	-0.70	0.0
44004	302.8	35.1	-327.9	106.8	-80.6	72.4	0.0244	0.0062	0.0127	14.12	55.80	27.10	0.00	-0.32	-0.70	0.0
44005	321.2	21.2	-328.5	87.1	-76.7	67.3	0.0252	0.0057	0.0127	13.85	60.86	27.50	0.00	-0.33	-0.70	0.0
44006	335.2	10.3	-328.4	64.6	-69.6	65.3	0.0259	0.0054	0.0127	13.60	65.09	27.72	0.00	-0.34	-0.70	0.0
44007	344.7	2.6	-328.3	40.2	-59.3	65.8	0.0263	0.0052	0.0127	13.41	68.09	27.80	0.00	-0.34	-0.70	0.0
44008	350.0	-1.4	-329.5	14.5	-47.0	67.9	0.0266	0.0051	0.0127	13.30	69.65	27.82	0.00	-0.34	-0.70	0.0
44073	645.4	582.7	-379.3	495.7	716.4	1034.3	0.0543	0.0216	0.0244	33.38	84.05	74.23	0.00	-1.66	-2.93	0.0
44074	77.5	308.4	-497.7	178.7	378.0	722.7	0.0556	0.0210	0.0244	15.95	42.28	36.27	0.00	-0.91	-1.86	0.0
44075	104.2	215.3	-492.2	142.9	353.2	559.8	0.0565	0.0124	0.0127	12.11	55.12	53.90	0.00	-0.68	-1.55	0.0
44076	99.0	172.4	-480.9	132.4	295.8	434.2	0.0580	0.0117	0.0127	9.35	46.35	42.68	0.00	-0.54	-1.29	0.0
44077	112.5	146.0	-472.9	128.8	245.2	330.8	0.0595	0.0109	0.0127	7.45	40.50	34.89	0.00	-0.44	-1.10	0.0
44078	129.6	126.7	-470.9	129.2	197.3	250.5	0.0611	0.0102	0.0127	6.16	36.96	29.60	0.00	-0.38	-0.97	0.0
44079	150.9	110.1	-472.3	129.9	155.5	190.7	0.0179	0.0094	0.0127	18.71	35.62	26.37	0.00	-0.33	-0.88	0.0
44080	174.5	94.0	-474.9	129.2	119.9	147.1	0.0194	0.0087	0.0127	16.12	36.12	24.62	0.00	-0.31	-0.83	0.0
44081	199.2	77.8	-477.6	125.7	89.6	115.5	0.0208	0.0079	0.0127	14.52	38.06	23.80	0.00	-0.30	-0.81	0.0
44082	223.6	61.6	-480.0	118.7	-91.1	92.7	0.0222	0.0073	0.0127	13.01	39.56	22.68	0.00	-0.26	-0.80	0.0
44083	246.6	46.1	-481.9	108.1	-92.8	76.7	0.0233	0.0067	0.0127	12.75	44.50	23.43	0.00	-0.28	-0.81	0.0
44084	267.3	31.9	-483.3	94.0	-91.9	65.9	0.0244	0.0062	0.0127	12.54	49.55	24.06	0.00	-0.29	-0.81	0.0
44085	285.0	19.7	-483.6	76.9	-88.4	59.3	0.0252	0.0057	0.0127	12.36	54.33	24.55	0.00	-0.30	-0.81	0.0
44086	299.0	10.0	-482.5	57.2	-82.0	56.0	0.0259	0.0054	0.0127	12.21	58.41	24.88	0.00	-0.31	-0.81	0.0
44087	308.9	3.2	-480.9	35.5	-72.3	55.5	0.0263	0.0052	0.0127	12.08	61.37	25.06	0.00	-0.31	-0.81	0.0
44088	315.1	-0.4	-481.3	12.4	-60.6	57.0	0.0266	0.0051	0.0127	12.04	63.02	25.17	0.00	-0.31	-0.81	0.0
44119	-404.6	-78.4	-1563.4	118.8	612.8	-162.0	0.0064	0.0154	0.0127				-0.04	-0.16	-1.85	
44120	-403.9	-82.6	-1574.6	131.6	614.8	-179.1	0.0066	0.0153	0.0127				-0.03	-0.16	-1.86	
44249	8.6	172.5	3.1	22.4	-27.8	-15.3	0.0063	0.0154	0.0127	28.30	11.52	13.97	0.00	-0.15	-0.20	0.0
44250	10.0	159.9	-50.0	36.9	-11.7	-18.4	0.0063	0.0154	0.0127	27.08	11.06	13.41	0.00	-0.17	-0.22	0.0
44251	-41.5	135.2	-108.5	61.2	118.9	-31.9	0.0063	0.0154	0.0127	24.47	10.03	12.16	0.00	-0.11	-0.36	0.0
44252	-203.3	88.6	-227.8	104.5	350.2	-64.3	0.0063	0.0154	0.0127	24.44	10.06	12.18	0.00	-0.07	-0.74	0.0
44253	-573.5	-44.6	-906.8	177.3	954.5	-164.1	0.0064	0.0154	0.0127	36.55	15.12	18.29	0.00	-0.25	-1.98	0.0
44254	9.8	171.8	3.1	26.8	-28.6	-14.8	0.0064	0.0154	0.0127	27.84	11.61	14.02	0.00	-0.15	-0.20	0.0
44255	11.8	158.9	-50.3	41.6	-11.8	-18.3	0.0064	0.0153	0.0127	26.73	11.20	13.52	0.00	-0.17	-0.22	0.0
44256	-39.4	133.6	-109.2	67.8	119.0	-34.1	0.0065	0.0153	0.0127	24.35	10.26	12.37	0.00	-0.12	-0.37	0.0
44257	-200.9	86.8	-229.4	115.9	350.3	-72.7	0.0065	0.0153	0.0127	24.44	10.37	12.49	0.00	-0.07	-0.75	0.0
44258	-571.0	-49.6	-913.4	197.6	953.8	-189.8	0.0065	0.0153	0.0127	35.30	15.08	18.14	0.00	-0.24	-1.99	0.0
44259	-13.6	252.9	-43.2	31.6	37.9	-50.9	0.0063	0.0154	0.0127	42.03	17.10	20.75	0.00	-0.25	-0.34	0.0
44264	-12.2	252.5	-43.6	38.7	38.1	-52.6	0.0064	0.0154	0.0127	41.44	17.27	20.87	0.00	-0.25	-0.35	0.0
44269	-6.1	291.9	-197.1	33.0	94.5	-80.1	0.0063	0.0154	0.0127	48.73	19.83	24.06	0.00	-0.27	-0.56	0.0
44274	-4.4	291.7	-198.7	40.9	94.9	-82.8	0.0064	0.0154	0.0127	48.03	20.02	24.19	0.00	-0.27	-0.56	0.0
44279	1.7	298.9	-408.2	32.0	100.5	-99.8	0.0063	0.0154	0.0127	50.01	20.35	24.69	0.00	-0.29	-0.76	0.0
44284	3.5	299.1	-411.3	40.0	101.4	-102.5	0.0064	0.0154	0.0127	49.33	20.56	24.84	0.00	-0.29	-0.77	0.0
44289	2.6	294.4	-615.2	31.4	87.1	-115.9	0.0063	0.0154	0.0127	49.47	20.13	24.42	0.00	-0.30	-0.95	0.0
44294	4.4	294.8	-619.5	39.3	88.8	-118.0	0.0064	0.0154	0.0127	48.80	20.34	24.58	0.00	-0.30	-0.96	0.0
44314	491.4	63.3	-491.4	-74.6	-157.6	-72.4	0.0511	0.0154	0.0244	10.27	34.16	21.47	0.00	-0.46	-1.05	0.0
44330	495.8	62.2	-508.8	-72.1	-163.2	-169.1	0.0513	0.0153	0.0244	10.26	34.48	21.53	0.00	-0.42	-1.11	0.0
44459	654.9	72.6	-509.5	-96.8	402.9	91.4	0.0510	0.0232	0.0244	15.41	33.87	32.19	0.00	-0.70	-1.44	0.0
44460	704.1	89.9	-590.4	-93.6	534.1	115.3	0.0510	0.0232	0.0244	17.62	38.68	36.79	0.00	-0.79	-1.70	0.0
44461	709.8	97.6	-549.1	-75.2	682.8	150.6	0.0510	0.0233	0.0244	19.79	43.40	41.29	0.00	-0.88	-1.89	0.0
44462	743.0	102.2	-477.0	-32.6	941.3	216.2	0.0510	0.0233	0.0244	24.71	54.14	51.54	0.00	-1.12	-2.29	0.0
44463	806.6	95.2	-404.8	50.1	1567.0	423.8	0.0510	0.0233	0.0244	37.77	82.71	78.76	0.00	-1.81	-3.47	0.0
44464	651.4	70.9	-529.4	-72.7	381.0	-150.3	0.0512	0.0153	0.0244	15.26	51.13	31.99	0.00	-0.71	-1.44	0.0
44465	676.3	85.0	-605.8	-43.1	506.0	-133.9	0.0512	0.0232	0.0244	16.83	37.18	35.24	0.00	-0.77	-1.66	0.0
44466	677.1	91.6	-571.9	42.6	658.9	-176.8	0.0511	0.0232	0.0244	18.80	41.48	39.35	0.00	-0.84	-1.85	0.0
44467	723.8	93.7	-500.3	47.4	917.7	-276.8	0.0511	0.0232	0.0244	23.91	52.68	50.01	0.00	-1.07	-2.28	0.0
44468	797.1	93.0	-426.2	55.4	1565.8	-445.2	0.0511	0.0232	0.0244	37.01	81.46	77.36	0.00	-1.73	-3.48	0.0
44473	439.5	228.4	-317.8	91.2	1565.4	440.4	0.0510	0.0233	0.0244	34.35	75.22	71.63	0.00	-1.55	-3.35	0.0
44478	404.1	241.2	-323.1	-100.5	1561.4	-500.6	0.0511	0.0232	0.0244	34.20	75.27	71.48	0.00	-1.55	-3.37	0.0
44483	469.2	243.8	-288.7	69.5	1502.6	354.1	0.0510	0.0233	0.0244	33.20	72.70	69.23	0.00	-1.47	-3.18	0.0
44488	511.6	262.8	-286.1	-105.3	1488.7	-465.1	0.0511	0.0232	0.0244	34.19	75.24	71.46	0.00	-1.52	-3.23	0.0
44493	689.8	265.1	-270.9	99.3	1380.0	301.6	0.0510	0.0233	0.0244	33.68	73.74	70.22	0.00	-1.47	-2.99	0.0
44498	750.2	292.7	-269.8	-142.7	1360.6	-430.2	0.0511	0.0232	0.0244	34.90	76.81	72.95	0.00	-1.53	-3.04	0.0
44503	1019.4	330.1	-219.6	-113.7	1122.5	242.7	0.0510	0.0233	0.0244	33.02	72.29	68.85	0.00	-1.30	-2.62	0.0
44508	1065.7	348.2	-227.1	194.8	1123.8	-355.0	0.0511	0.0232	0.0244	33.59	73.93	70.21	0.00	-1.25	-2.71	0.0
44509	-401.2	-89.5	-1591.5	149.7	617.4	-204.6	0.0069	0.0151	0.0127				-0.03	-0.17	-1.89	
44525	-395.8	-101.6	-1614.7	172.8	619.8	-239.0	0.0075	0.0148	0.0127				-0.02	-0.17	-1.92	
44541	-387.7	-116.3	-1639.1	194.8	620.8	-274.4	0.0082	0.0145	0.0127				-0.01	-0.18	-1.95	
44557	-377.0	-134.0	-1664.2	215.5	620.5	-311.1	0.0090	0.0140	0.0127				-0.01	-0.18	-1.99	
44829	12.3	172.7	3.5	33.3	-29.6	-14.9	0.0066	0.0152	0.0127	27.41	11.92	14.30	0.00	-0.15	-0.20	0.0
44830	15.6	159.5	-50.3	48.6	-12.3	-18.6	0.0067	0.0152	0.0127	26.43	11.59	13.88	0.00	-0.17	-0.23	0.0
44831	-34.8	133.5	-109.7	77.4	118.7	-38.2	0.0067	0.0152	0.0127	24.38	10.79	12.90	0.00	-0.13	-0.38	0.0
44832	-195.3	85.9	-231.2	132.6	349.4	-86.1	0.0068	0.0152	0.0127	24.40	10.91	13.02	0.00	-0.07	-0.76	0.0
44833	-564.4	-56.8	-922.7	226.2	951.0	-228.8	0.0068	0.0151	0.0127	33.26	15.04	17.91	0.00	-0.23	-2.00	0.0
44834	15.9	170.5	3.5	41.4	-30.7	-14.7	0.0070	0.0151	0.0127	26.19	12.20	14.44	0.00	-0.15	-0.21	0.0
44835	20.8	156.8	-51.0	57.3	-12.9	-19.0	0.0071	0.0150	0.0127	25.39	11.98	14.15	0.00	-0.18	-0.23	0.0
44836	-27.9	128.9	-111.2	89.4	118.2	-43.6	0.0072	0.0150	0.0127	23.69	11.34	13.36	0.00	-0.13	-0.39	0.0
44837	-186.4	78.9	-234.6	153.2	347.4	-103.8	0.0073	0.0149	0.0127	23.76	11.55	13.57	0.00	-0.08	-0.78	0.0
44838	-552.7	-71.8	-935.9	261.7	944.4	-280.1	0.0074	0.0149	0.0127	30.18	14.94	17.49	0.00	-0.21	-2.02	0.0
44839	20.6	167.7	3.5	49.4	-32.0	-14.5	0.0075	0.0148	0.0127	24.85	12.54	14.62	0.00	-0.16	-0.21	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
44840	27.4	153.2	-51.8	65.8	-13.4	-19.3	0.0076	0.0148	0.0127	24.20	12.44	14.45	0.00	-0.18	-0.24	0.0
44841	-19.4	123.1	-112.8	100.9	117.4	-48.9	0.0077	0.0147	0.0127	22.81	11.96	13.83	0.00	-0.14	-0.40	0.0
44842	-174.7	69.8	-238.4	172.7	344.3	-121.7	0.0078	0.0146	0.0127	22.88	12.27	14.13	0.00	-0.09	-0.79	0.0
44843	-536.2	-90.5	-949.9	294.9	933.7	-332.0	0.0080	0.0146	0.0127	26.96	14.82	16.97	0.00	-0.19	-2.03	0.0
44844	26.2	164.4	3.3	57.3	-33.0	-14.3	0.0080	0.0145	0.0127	23.47	12.96	14.83	0.00	-0.16	-0.21	0.0
44845	35.3	148.7	-52.7	74.0	-14.1	-19.2	0.0082	0.0145	0.0127	22.93	12.96	14.76	0.00	-0.19	-0.24	0.0
44846	-8.9	116.0	-114.6	111.7	116.0	-54.2	0.0083	0.0144	0.0127	21.82	12.67	14.33	0.00	-0.15	-0.41	0.0
44847	-160.1	58.5	-242.3	191.0	339.5	-140.1	0.0085	0.0143	0.0127	21.87	13.07	14.69	0.00	-0.09	-0.81	0.0
44848	-515.3	-112.8	-964.0	325.6	919.1	-384.5	0.0087	0.0142	0.0127	23.81	14.68	16.39	0.00	-0.18	-2.04	0.0
44849	-9.5	250.3	-44.1	49.2	38.5	-55.4	0.0066	0.0152	0.0127	40.24	17.51	20.99	0.00	-0.25	-0.35	0.0
44854	-5.1	247.5	-44.8	62.3	39.3	-57.8	0.0070	0.0151	0.0127	38.43	17.90	21.20	0.00	-0.25	-0.36	0.0
44859	0.8	243.4	-46.0	75.4	40.2	-60.3	0.0075	0.0148	0.0127	36.40	18.37	21.41	0.00	-0.25	-0.37	0.0
44864	8.0	238.2	-47.7	88.3	41.4	-62.6	0.0080	0.0145	0.0127	34.26	18.91	21.64	0.00	-0.25	-0.37	0.0
44869	-1.2	290.6	-201.1	52.5	95.7	-87.5	0.0066	0.0152	0.0127	46.76	20.34	24.40	0.00	-0.27	-0.57	0.0
44874	3.9	288.1	-204.6	67.2	96.9	-92.5	0.0070	0.0151	0.0127	44.68	20.81	24.64	0.00	-0.27	-0.58	0.0
44879	10.7	284.5	-208.5	81.8	98.0	-97.4	0.0075	0.0148	0.0127	42.35	21.37	24.92	0.00	-0.27	-0.59	0.0
44884	18.9	279.8	-213.0	96.1	99.2	-102.3	0.0080	0.0145	0.0127	39.92	22.04	25.22	0.00	-0.28	-0.60	0.0
44889	6.9	298.7	-415.9	51.5	102.9	-107.1	0.0066	0.0152	0.0127	48.09	20.92	25.09	0.00	-0.29	-0.78	0.0
44894	12.2	297.1	-422.6	66.2	105.0	-112.1	0.0070	0.0151	0.0127	46.02	21.43	25.38	0.00	-0.29	-0.79	0.0
44899	19.3	294.3	-429.8	80.7	106.9	-116.9	0.0075	0.0148	0.0127	43.67	22.03	25.69	0.00	-0.29	-0.80	0.0
44904	27.7	290.0	-437.8	95.1	108.9	-121.7	0.0080	0.0145	0.0127	41.16	22.72	25.99	0.00	-0.29	-0.82	0.0
44909	7.7	295.1	-626.2	50.6	91.2	-121.6	0.0066	0.0152	0.0127	47.64	20.72	24.85	0.00	-0.30	-0.97	0.0
44914	13.0	293.9	-635.8	65.1	94.4	-125.4	0.0070	0.0151	0.0127	45.61	21.24	25.16	0.00	-0.30	-0.99	0.0
44919	19.9	291.5	-646.2	79.5	97.5	-128.9	0.0075	0.0148	0.0127	43.29	21.84	25.47	0.00	-0.30	-1.00	0.0
44924	28.2	287.4	-657.5	93.7	100.4	-132.1	0.0080	0.0145	0.0127	40.79	22.51	25.76	0.00	-0.30	-1.02	0.0
44944	521.1	58.4	-453.4	-79.8	-200.5	-249.2	0.0427	0.0151	0.0244	13.19	37.30	23.03	0.00	-0.40	-1.16	0.0
44960	551.4	55.1	-442.5	-99.8	-238.7	-233.9	0.0433	0.0148	0.0244	14.10	41.21	24.96	0.00	-0.46	-1.20	0.0
44976	549.6	35.7	-526.1	-141.2	-251.5	-219.7	0.0440	0.0145	0.0244	14.12	42.96	25.40	0.00	-0.51	-1.29	0.0
44992	517.7	-4.3	-661.9	-198.6	-254.0	-209.7	0.0448	0.0140	0.0244	13.64	43.49	24.99	0.00	-0.58	-1.40	0.0
45249	408.2	302.8	-161.9	363.0	481.0	1200.8	0.0438	0.0224	0.0244	36.25	70.85	64.93	0.00	-1.46	-2.75	0.0
45250	623.0	182.7	-215.0	226.5	436.9	482.9	0.0439	0.0223	0.0244	23.24	45.73	41.76	0.00	-0.86	-1.61	0.0
45251	799.9	137.8	-270.8	51.9	305.8	290.8	0.0441	0.0222	0.0244	20.48	40.61	36.95	0.00	-0.67	-1.37	0.0
45252	867.5	90.9	-333.9	-132.0	197.2	194.3	0.0443	0.0143	0.0244	20.59	63.82	37.31	0.00	-0.75	-1.36	0.0
45253	849.4	20.8	-421.1	-228.2	-281.3	-57.0	0.0445	0.0142	0.0244	21.51	67.49	39.16	0.00	-0.96	-1.46	0.0
45254	71.8	274.5	-43.9	49.7	-65.3	113.4	0.0432	0.0227	0.0244	7.27	13.86	12.85	0.00	-0.21	-0.43	0.0
45255	376.8	278.6	-59.8	136.2	143.4	168.6	0.0433	0.0226	0.0244	12.67	24.27	22.46	0.00	-0.36	-0.69	0.0
45256	688.8	232.0	-84.9	89.6	160.8	85.0	0.0435	0.0226	0.0244	17.09	32.92	30.38	0.00	-0.52	-0.87	0.0
45257	881.7	191.7	-117.7	-39.2	123.5	40.5	0.0436	0.0225	0.0244	20.61	39.96	36.76	0.00	-0.70	-1.04	0.0
45258	967.6	96.5	-191.0	-142.1	-314.6	-136.4	0.0438	0.0146	0.0244	24.21	72.77	43.34	0.00	-0.91	-1.40	0.0
45259	111.6	223.7	-52.1	-93.2	54.3	-298.3	0.0428	0.0229	0.0244	10.50	19.60	18.37	0.00	-0.37	-0.69	0.0
45260	365.1	229.4	-63.3	-142.9	136.0	-189.8	0.0428	0.0229	0.0244	12.52	23.45	21.94	0.00	-0.38	-0.70	0.0
45261	623.2	221.1	-81.8	-80.0	155.2	-110.3	0.0429	0.0228	0.0244	15.82	29.73	27.77	0.00	-0.46	-0.82	0.0
45262	823.6	200.2	-95.2	-58.7	139.4	-96.6	0.0430	0.0228	0.0244	19.82	37.42	34.88	0.00	-0.64	-0.99	0.0
45263	954.4	114.8	-129.1	-123.1	-303.2	-172.0	0.0431	0.0149	0.0244	24.12	69.92	42.55	0.00	-0.84	-1.34	0.0
45264	368.7	161.2	-230.0	-190.2	737.3	-1271.3	0.0424	0.0231	0.0244	37.51	68.82	65.04	0.00	-1.44	-3.02	0.0
45265	538.7	111.0	-266.4	-139.4	504.9	-612.6	0.0424	0.0231	0.0244	23.43	43.08	40.68	0.00	-0.80	-1.80	0.0
45266	638.2	107.6	-306.1	-82.9	382.6	-413.3	0.0425	0.0230	0.0244	19.94	36.75	34.66	0.00	-0.63	-1.48	0.0
45267	730.8	101.9	-328.9	-75.1	303.2	-322.6	0.0425	0.0230	0.0244	19.92	36.80	34.66	0.00	-0.64	-1.39	0.0
45268	816.1	74.2	-306.9	-101.3	241.3	-294.7	0.0426	0.0151	0.0244	21.10	59.38	36.77	0.00	-0.72	-1.39	0.0
45269	222.5	250.9	-254.0	148.6	623.3	943.4	0.0438	0.0224	0.0244	28.28	55.27	50.65	0.00	-1.14	-2.35	0.0
45274	7.5	156.9	-188.7	-48.0	94.2	150.9	0.0432	0.0227	0.0244	4.96	9.45	8.77	0.00	-0.17	-0.50	0.0
45279	4.4	172.9	-206.7	75.3	222.5	-526.8	0.0428	0.0229	0.0244	12.90	24.09	22.58	0.00	-0.48	-1.21	0.0
45284	191.2	297.3	-269.2	-146.6	843.9	-1152.4	0.0424	0.0231	0.0244	36.17	66.36	62.71	0.00	-1.44	-2.93	0.0
45289	183.4	293.4	-337.0	75.5	643.7	680.9	0.0438	0.0224	0.0244	22.49	43.95	40.28	0.00	-0.83	-1.99	0.0
45294	17.5	195.5	-343.3	-61.5	145.9	-90.0	0.0432	0.0227	0.0244	5.69	10.84	10.06	0.00	-0.22	-0.65	0.0
45299	19.4	226.1	-342.0	-72.8	231.7	-441.6	0.0428	0.0229	0.0244	12.40	23.15	21.69	0.00	-0.53	-1.16	0.0
45304	264.2	365.5	-303.5	-213.9	783.2	-999.7	0.0424	0.0231	0.0244	34.29	62.91	59.45	0.00	-1.36	-2.67	0.0
45309	216.4	329.5	-408.8	-87.9	612.7	503.1	0.0438	0.0224	0.0244	16.70	32.65	29.92	0.00	-0.36	-1.69	0.0
45314	-16.4	218.4	-453.5	-85.9	146.3	-152.5	0.0432	0.0227	0.0244	6.86	13.08	12.13	0.00	-0.33	-0.82	0.0
45319	-24.5	247.1	-441.8	-81.7	203.4	-410.3	0.0428	0.0229	0.0244	11.46	21.40	20.06	0.00	-0.53	-1.16	0.0
45324	331.4	423.0	-342.5	-290.0	701.1	-898.1	0.0424	0.0231	0.0244	33.29	61.08	57.73	0.00	-1.33	-2.49	0.0
45329	674.9	399.8	-351.0	-150.7	563.9	298.8	0.0438	0.0224	0.0244	21.13	41.30	37.85	0.00	-0.42	-1.63	0.0
45334	538.6	323.6	-309.1	-137.2	361.8	-146.8	0.0432	0.0227	0.0244	17.33	33.03	30.65	0.00	-0.49	-1.20	0.0
45339	542.8	340.0	-265.3	156.8	391.9	-304.5	0.0428	0.0229	0.0244	16.50	30.79	28.86	0.00	-0.24	-1.26	0.0
45344	766.6	453.8	-228.4	372.7	660.7	-668.1	0.0424	0.0231	0.0244	25.97	47.65	45.03	0.00	-0.24	-2.07	0.0
45349	-366.8	-150.5	-1684.6	231.3	619.2	-341.7	0.0097	0.0137	0.0127				0.00	-0.18	-2.02	
45365	-358.9	-163.1	-1699.0	242.8	619.4	-366.1	0.0103	0.0134	0.0127	0.33	0.25	0.27	0.00	-0.19	-2.04	0.0
45509	31.0	159.0	2.7	62.8	-33.9	16.8	0.0085	0.0143	0.0127	21.69	12.91	14.53	0.00	-0.14	-0.22	0.0
45510	41.9	142.0	-54.0	79.9	-15.0	-18.1	0.0087	0.0142	0.0127	21.65	13.26	14.83	0.00	-0.19	-0.25	0.0
45511	-0.1	106.9	-116.7	119.4	114.8	-57.1	0.0089	0.0141	0.0127	20.78	13.13	14.57	0.00	-0.15	-0.41	0.0
45512	-147.4	45.4	-246.2	203.9	335.1	-152.8	0.0091	0.0140	0.0127	20.89	13.66	15.03	0.00	-0.10	-0.82	0.0
45513	-496.2	-135.1	-976.0	347.5	904.8	-424.7	0.0094	0.0139	0.0127	21.42	14.54	15.85	0.00	-0.16	-2.05	0.0
45514	35.8	155.2	2.5	67.2	-36.3	19.3	0.0089	0.0141	0.0127	20.85	13.14	14.59	0.00	-0.14	-0.22	0.0
45515	47.6	137.9	-54.7	84.6	-15.7	-17.5	0.0091	0.0140	0.0127	20.94	13.63	15.01	0.00	-0.19	-0.25	0.0
45516	7.0	101.3	-118.0	125.1	113.9	-59.2	0.0094	0.0139	0.0127	20.20	13.61	14.87	0.00	-0.16	-0.42	0.0
45517	-137.0	36.5	-250.1	212.9	332.1	-162.3	0.0096	0.0137	0.0127	20.30	14.21	15.37	0.00	-0.11	-0.83	0.0
45518	-478.7	-151.5	-984.4	362.6	890.4	-455.1	0.0099	0.0136	0.0127	19.69	14.37	15.37	0.00	-0.15	-2.05	0.0
45519	14.7	234.6	-49.3	97.6	42.1	-62.8	0.0085	0.0143	0.0127	32.63	19.43	21.86	0.00	-0.25	-0.38	0.0
45524	21.5	232.3	-49.7	104.0	41.3	-63.4	0.0089	0.0141	0.0127	31.57	19.90	22.09	0.00	-0.26	-0.38	0.0
45529	26.5	275.6	-216.7	106.5	99.9	-104.5	0.0085	0.0143	0.0127	37.95	22.60	25.43	0.00	-0.28	-0.61	0.0
45534	34.1	272.3	-219.3	113.7	99.4	-105.9	0.0089	0.0141	0.0127	36.60	23.07	25.61	0.00	-0.28	-0.61	0.0
45539	35.4	285.6	-444.5	105.5	110.2	-123.8	0.0085	0.0143	0.0127	39.09	23.27	26.19	0.00	-0.29	-0.83	0.0
45544	43.0	282.3	-449.4	112.8	110.2	-125.1	0.0089	0.0141	0.0127	37.67	23.75	26.37	0.00	-0.29	-0.84	0.0
45549	35.7	282.9	-667.0	103.9	102.4	-133.1	0.0085	0.0143	0.0127	38.69	23.04	25.92	0.00	-0.30	-1.03	0.0
45554	43.1	279.3	-674.1	111.1	103.2	-133.8	0.0089	0.0141	0.0127	37.24	23.48	26.06	0.00	-0.30	-1.04	0.0
45574	511.6	-33.7	-780.2	-241.6	-255.5	-242.9	0.0544	0.0137	0.0244	11.43	45.42	25.44	0.00	-0.62	-1.54	0.0
45590	511.3	-46.7	-843.3	-300.9	-266.2	-327.9	0.0550	0.0134	0.0244	11.87	48.67	26.70	0.00	-0.64	-1.69	0.0
45719	696.5	-13.2	-687.4	-261.4	-244.8	-60.9	0.0541	0.0139	0.0244	15.03	58.70	33.27	0.00	-0.89	-1.56	0.0
45720	771.6	41.5	-640.4	-180.7	247.1	110.2	0.0538	0.0140	0.0244	15.71	60.48	34.61	0.00	-0.81	-1.55	0.0
45721	796.7	77.9	-559.7	-91.7	426.1	152.0	0.0536	0.0220	0.0244	17.20	42.00	37.73	0.00	-0.81	-1.64	0.0
45722	801.7	115.1	-466.1	58.5	695.1	172.9	0.0534	0.0221	0.0244	21.05	50.95	45.99	0.00	-1.00	-1.92	0.0
45723	845.6	128.5	-379.5	107.8	1235.7	337.1	0.0532	0.0222	0.0244	31.21	74.94	67.94	0.00	-1.54	-2.85	0.0
45724	665.9	-39.2	-786.8	-318.6	-250.3	-259.1	0.0546	0.0136	0.0244	14.69	58.99	32.82	0.00	-0.82	-1.74	0.0
45725	684.1	3.7	-730.2	-210.0	168.2	-173.8	0.0543	0.0137	0.0244	14.24	56.25	31.64	0.00	-0.81	-1.55	0.0
45726	707.0	42.0	-648.3	-112.1	354.7	-186.9	0.0540	0.0217	0.0244	15.27	37.96	33.76	0.00	-0.78	-1.59	0.0
45727	751.5	75.4	-546.1	-53.2	635.4	-287.3	0.0538	0.0219	0.0244	19.29	47.48	42.46	0.00	-0.92	-1.91	0.0
45728	802.4	125.9	-453.9	58.0	1227.4	-407.1	0.0536	0.0220	0.0244	29.34	71.58	64.33	0.00	-1.36	-2.88	0.0
45733	415.2	256.6	-332.8	47.7	1326.5	264.6	0.0532	0.0222	0.0244	27.30	65.56	59.43	0.00	-1.21	-2.81	0.0
45738	370.8	294.2	-355.0	-142.8	1321.0	-541.2	0.0536	0.0220	0.0244	28.74	70.11	63.01	0.00	-1.34	-2.97	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
45743	445.1	284.0	-330.9	-59.5	1320.3	111.7	0.0532	0.0222	0.0244	26.95	64.71	58.66	0.00	-1.14	-2.76	0.0
45748	565.8	330.7	-318.7	-157.8	1295.0	-616.9	0.0536	0.0220	0.0244	31.29	76.32	68.60	0.00	-1.42	-3.03	0.0
45753	659.0	331.1	-348.3	-92.6	1238.2	-57.6	0.0532	0.0222	0.0244	28.24	67.81	61.47	0.00	-1.18	-2.68	0.0
45758	840.2	396.1	-325.1	-203.2	1220.6	-662.8	0.0536	0.0220	0.0244	33.88	82.63	74.27	0.00	-1.49	-3.04	0.0
45763	1027.6	413.9	-366.1	-139.8	1042.9	-137.8	0.0532	0.0222	0.0244	30.35	72.88	66.07	0.00	-1.23	-2.54	0.0
45768	1175.0	496.0	-370.1	-311.8	1073.3	-689.3	0.0536	0.0220	0.0244	36.86	89.91	80.81	0.00	-1.57	-3.05	0.0
45769	45.0	156.0	3.6	77.0	-36.9	18.6	0.0097	0.0137	0.0127	20.24	14.24	15.38	0.00	-0.15	-0.23	0.0
45770	59.0	137.0	-54.8	93.2	-15.5	-18.6	0.0099	0.0136	0.0127	20.34	14.80	15.84	0.00	-0.20	-0.26	0.0
45771	21.7	97.6	-118.7	134.8	112.6	-65.7	0.0102	0.0135	0.0127	19.74	14.89	15.79	0.00	-0.17	-0.43	0.0
45772	-116.3	26.7	-253.3	226.8	325.4	-180.6	0.0105	0.0133	0.0127	19.62	15.40	16.15	0.00	-0.11	-0.84	0.0
45773	-449.2	-174.2	-992.1	382.0	867.5	-498.0	0.0108	0.0132	0.0127	17.56	14.39	14.90	0.00	-0.13	-2.05	0.0
45774	59.3	148.7	3.4	88.6	-38.5	19.7	0.0109	0.0131	0.0127	18.66	15.51	16.00	0.00	-0.16	-0.24	0.0
45775	76.7	127.0	-56.0	103.5	-17.5	-19.5	0.0111	0.0130	0.0127	18.93	16.25	16.60	0.00	-0.22	-0.27	0.0
45776	44.3	83.0	-120.5	145.3	107.1	-73.1	0.0114	0.0128	0.0127	18.49	16.44	16.61	0.00	-0.18	-0.44	0.0
45777	-85.1	3.4	-256.2	241.1	310.4	-201.8	0.0117	0.0127	0.0127	18.24	16.84	16.82	0.00	-0.13	-0.85	0.0
45778	-407.5	-214.6	-1003.0	403.5	832.2	-554.8	0.0121	0.0125	0.0127	14.89	14.33	14.12	0.00	-0.11	-2.05	0.0
45779	77.3	141.2	3.3	99.6	-40.8	21.1	0.0119	0.0124	0.0127	18.04	17.23	16.85	0.00	-0.16	-0.26	0.0
45780	97.0	116.6	-56.9	112.3	-19.2	-19.0	0.0121	0.0123	0.0127	18.33	18.05	17.48	0.00	-0.23	-0.28	0.0
45781	69.0	67.4	-121.9	153.5	101.4	-79.1	0.0124	0.0122	0.0127	17.96	18.29	17.51	0.00	-0.20	-0.46	0.0
45782	-51.7	-22.3	-258.9	251.9	294.9	-222.3	0.0127	0.0120	0.0127	17.55	18.54	17.53	0.00	-0.14	-0.87	0.0
45783	-362.2	-259.9	-1014.8	419.6	793.5	-612.7	0.0130	0.0119	0.0127	13.05	14.34	13.38	0.00	-0.09	-2.06	0.0
45784	97.9	133.1	3.4	109.7	-42.6	22.5	0.0133	0.0117	0.0127	17.05	19.41	17.87	0.00	-0.18	-0.27	0.0
45785	119.4	105.8	-57.6	119.5	-20.7	-18.0	0.0136	0.0116	0.0127	17.31	20.28	18.48	0.00	-0.24	-0.30	0.0
45786	95.4	50.8	-123.4	159.1	95.5	-84.7	0.0138	0.0114	0.0127	16.97	20.50	18.47	0.00	-0.21	-0.47	0.0
45787	-16.6	-50.2	-261.7	258.5	278.7	-242.1	0.0141	0.0113	0.0127	16.41	20.49	18.23	0.00	-0.15	-0.88	0.0
45788	-314.9	-309.6	-1030.1	428.8	753.8	-668.1	0.0144	0.0111	0.0127	11.23	14.55	12.76	0.00	-0.08	-2.06	0.0
45789	121.1	124.0	3.5	118.4	-44.0	23.7	0.0148	0.0109	0.0127	16.30	22.09	19.03	0.00	-0.19	-0.29	0.0
45790	143.6	94.4	-58.4	124.7	-21.9	-16.7	0.0151	0.0108	0.0127	16.50	22.95	19.56	0.00	-0.26	-0.31	0.0
45791	123.2	33.4	-124.8	162.1	89.3	-90.1	0.0153	0.0107	0.0127	16.15	23.10	19.46	0.00	-0.23	-0.48	0.0
45792	19.9	-80.3	-264.8	260.9	261.6	-261.9	0.0156	0.0106	0.0127	15.41	22.73	18.90	0.00	-0.16	-0.89	0.0
45793	-267.0	-364.2	-1049.3	431.0	711.7	-726.7	0.0159	0.0104	0.0127	9.69	14.77	12.11	0.00	-0.06	-2.08	0.0
45794	146.8	113.6	3.6	125.1	-44.8	24.7	0.0164	0.0102	0.0127	15.73	25.31	20.27	0.00	-0.21	-0.30	0.0
45795	169.4	82.4	-59.1	127.7	-22.8	-15.2	0.0166	0.0101	0.0127	15.86	26.13	20.70	0.00	-0.27	-0.32	0.0
45796	151.8	15.4	-126.2	162.1	82.8	-95.3	0.0168	0.0100	0.0127	15.48	26.15	20.48	0.00	-0.24	-0.50	0.0
45797	57.1	-111.8	-268.1	258.5	243.4	-281.3	0.0171	0.0098	0.0127	14.56	25.26	19.55	0.00	-0.16	-0.90	0.0
45798	-218.0	-420.3	-1067.4	425.9	665.3	-782.7	0.0173	0.0097	0.0127	8.47	15.13	11.55	0.00	-0.05	-2.10	0.0
45799	174.4	101.8	3.7	129.3	-44.9	25.4	0.0179	0.0094	0.0127	15.29	29.11	21.55	0.00	-0.22	-0.32	0.0
45800	196.1	69.8	-59.7	128.0	-23.2	-13.5	0.0181	0.0093	0.0127	15.35	29.83	21.86	0.00	-0.29	-0.34	0.0
45801	180.8	-2.6	-127.5	158.9	75.9	-100.1	0.0183	0.0092	0.0127	14.93	29.66	21.50	0.00	-0.26	-0.51	0.0
45802	94.1	-144.0	-271.1	251.4	224.2	-300.0	0.0185	0.0091	0.0127	13.83	28.14	20.16	0.00	-0.17	-0.92	0.0
45803	-170.4	-478.2	-1085.6	413.5	617.1	-837.8	0.0188	0.0090	0.0127	7.53	15.72	11.11	0.00	-0.04	-2.12	0.0
45804	203.3	88.6	3.8	130.3	-44.2	25.8	0.0194	0.0087	0.0127	14.95	33.51	22.83	0.00	-0.24	-0.33	0.0
45805	223.2	56.9	-60.3	125.4	-23.3	-11.7	0.0196	0.0086	0.0127	14.95	34.09	23.01	0.00	-0.30	-0.35	0.0
45806	209.5	-20.3	-128.7	152.3	68.6	-104.7	0.0197	0.0085	0.0127	14.49	33.68	22.50	0.00	-0.27	-0.52	0.0
45807	130.3	-176.1	-273.9	239.3	203.7	-318.2	0.0199	0.0084	0.0127	13.22	31.38	20.74	0.00	-0.18	-0.93	0.0
45808	-124.0	-536.3	-1101.8	393.7	563.1	-892.8	0.0201	0.0083	0.0127	6.80	16.50	10.78	0.00	-0.03	-2.14	0.0
45809	232.8	74.6	3.8	127.7	-42.8	26.1	0.0208	0.0079	0.0127	14.69	38.50	24.08	0.00	-0.26	-0.35	0.0
45810	250.2	44.0	-60.7	119.7	-23.0	-9.9	0.0210	0.0079	0.0127	14.63	38.92	24.14	0.00	-0.32	-0.37	0.0
45811	237.4	-37.0	-129.6	142.3	60.7	-108.8	0.0211	0.0078	0.0127	14.13	38.21	23.47	0.00	-0.29	-0.54	0.0
45812	165.0	-206.7	-276.1	222.3	181.5	-335.1	0.0213	0.0077	0.0127	12.73	35.01	21.29	0.00	-0.18	-0.95	0.0
45813	-79.4	-591.1	-1113.7	366.1	504.2	-942.3	0.0214	0.0076	0.0127	6.35	17.79	10.71	0.00	-0.03	-2.17	0.0
45814	262.2	60.3	3.8	121.3	-40.5	26.2	0.0222	0.0073	0.0127	14.50	44.07	25.27	0.00	-0.28	-0.36	0.0
45815	276.3	31.5	-61.0	110.7	-22.3	-8.0	0.0223	0.0072	0.0127	14.39	44.30	25.21	0.00	-0.33	-0.38	0.0
45816	263.8	-52.3	-130.3	129.1	52.3	-112.3	0.0224	0.0072	0.0127	13.86	43.22	24.40	0.00	-0.30	-0.55	0.0
45817	197.5	-234.8	-277.6	200.9	158.0	-350.2	0.0225	0.0071	0.0127	12.34	39.02	21.84	0.00	-0.19	-0.96	0.0
45818	-38.3	-641.7	-1122.3	331.2	441.4	-987.3	0.0226	0.0070	0.0127	6.16	19.78	10.97	0.00	-0.03	-2.19	0.0
45819	290.4	46.2	3.8	111.0	-37.5	26.4	0.0233	0.0067	0.0127	14.36	50.12	26.39	0.00	-0.29	-0.37	0.0
45820	301.0	19.8	-61.1	98.7	-21.2	-6.1	0.0234	0.0066	0.0127	14.23	50.14	26.23	0.00	-0.34	-0.40	0.0
45821	288.2	-65.9	-130.6	112.9	43.5	-115.3	0.0235	0.0066	0.0127	13.67	48.64	25.29	0.00	-0.31	-0.56	0.0
45822	226.9	-259.7	-278.5	175.4	133.5	-363.4	0.0236	0.0066	0.0127	12.04	43.33	22.37	0.00	-0.20	-0.97	0.0
45823	-1.5	-686.2	-1127.6	289.5	374.7	-1026.5	0.0237	0.0065	0.0127	6.15	22.37	11.46	0.00	-0.04	-2.21	0.0
45824	316.9	33.1	3.8	96.9	-33.8	26.7	0.0244	0.0062	0.0127	14.30	56.48	27.43	0.00	-0.31	-0.38	0.0
45825	323.7	9.6	-61.2	83.8	-19.8	-4.4	0.0244	0.0061	0.0127	14.14	56.26	27.20	0.00	-0.36	-0.41	0.0
45826	310.1	-77.3	-130.7	94.4	34.3	-117.6	0.0245	0.0061	0.0127	13.55	54.30	26.13	0.00	-0.32	-0.57	0.0
45827	252.6	-280.5	-278.7	146.7	108.0	-374.4	0.0246	0.0061	0.0127	11.84	47.80	22.88	0.00	-0.20	-0.98	0.0
45828	29.9	-723.2	-1129.6	241.5	304.8	-1059.2	0.0246	0.0060	0.0127	6.22	25.35	12.06	0.00	-0.05	-2.23	0.0
45829	341.0	21.7	3.7	79.3	-29.5	27.8	0.0252	0.0057	0.0127	14.30	62.86	28.41	0.00	-0.32	-0.39	0.0
45830	344.1	1.1	-61.1	66.5	-18.1	-2.8	0.0253	0.0057	0.0127	14.14	62.41	28.12	0.00	-0.37	-0.42	0.0
45831	329.3	-86.3	-130.5	74.2	24.8	-119.2	0.0253	0.0057	0.0127	13.52	59.96	26.93	0.00	-0.33	-0.58	0.0
45832	274.3	-296.5	-278.3	115.4	81.7	-383.0	0.0254	0.0057	0.0127	11.71	52.21	23.37	0.00	-0.20	-0.99	0.0
45833	55.5	-751.3	-1128.5	188.5	232.3	-1084.6	0.0254	0.0057	0.0127	6.35	28.48	12.70	0.00	-0.06	-2.24	0.0
45834	362.3	12.6	3.5	58.5	-24.7	29.6	0.0259	0.0054	0.0127	14.39	68.88	29.34	0.00	-0.34	-0.40	0.0
45835	362.0	-5.3	-60.9	47.5	-16.1	-1.6	0.0259	0.0054	0.0127	14.22	68.21	29.01	0.00	-0.38	-0.43	0.0
45836	345.6	-92.7	-130.0	53.5	15.1	-120.2	0.0259	0.0054	0.0127	13.57	65.26	27.70	0.00	-0.34	-0.59	0.0
45837	291.8	-307.3	-277.2	82.5	54.8	-388.9	0.0260	0.0054	0.0127	11.67	56.28	23.84	0.00	-0.21	-0.99	0.0
45838	75.0	-769.6	-1124.4	131.7	157.9	-1101.9	0.0260	0.0054	0.0127	6.51	31.49	13.31	0.00	-0.07	-2.25	0.0
45839	380.4	6.4	3.4	35.3	-19.5	31.2	0.0263	0.0052	0.0127	14.59	74.08	30.25	0.00	-0.35	-0.41	0.0
45840	377.2	-9.4	-60.6	28.4	-13.9	0.8	0.0264	0.0052	0.0127	14.41	73.23	29.88	0.00	-0.39	-0.44	0.0
45841	359.1	-96.2	-129.3	33.2	5.3	-120.5	0.0264	0.0052	0.0127	13.71	69.77	28.45	0.00	-0.35	-0.60	0.0
45842	305.2	-312.6	-275.6	48.8	27.6	-391.8	0.0264	0.0052	0.0127	11.72	59.69	24.32	0.00	-0.21	-1.00	0.0
45843	88.3	-777.3	-1117.4	72.8	83.0	-1110.6	0.0264	0.0052	0.0127	6.68	34.06	13.87	0.00	-0.08	-2.25	0.0
45844	395.1	3.4	3.2	11.0	-14.2	32.3	0.0266	0.0051	0.0127	14.90	78.00	31.15	0.00	-0.36	-0.43	0.0
45845	389.9	-11.3	-60.2	12.2	-11.5	1.5	0.0266	0.0051	0.0127	14.69	76.95	30.73	0.00	-0.40	-0.45	0.0
45846	370.0	-96.9	-128.3	-14.9	-8.8	-120.0	0.0266	0.0051	0.0127	13.94	73.01	29.15	0.00	-0.36	-0.60	0.0
45847	314.7	-312.2	-273.4	-22.3	-6.5	-391.6	0.0266	0.0051	0.0127	11.88	62.21	24.84	0.00	-0.22	-1.00	0.0
45848	96.1	-774.2	-1107.3	-34.2	8.9	-1110.2	0.0266	0.0051	0.0127	7.23	37.89	15.13	0.00	-0.11	-2.26	0.0
45849	33.1	223.6	-50.6	117.6	42.5	-68.9	0.0097	0.0137	0.0127	29.58	20.81	22.48	0.00	-0.26	-0.39	0.0
45854	52.8	211.6	-52.3	133.9	43.2	-71.4	0.0109	0.0131	0.0127	26.89	22.35	23.05	0.00	-0.26	-0.41	0.0
45859	76.3	197.8	-54.2	148.7	43.1	-73.1	0.0119	0.0124	0.0127	25.42	24.27	23.74	0.00	-0.26	-0.42	0.0
45864	102.9	182.2	-55.8	161.5	42.7	-73.6	0.0133	0.0117	0.0127	23.40	26.64	24.53	0.00	-0.27	-0.43	0.0
45869	132.5	164.8	-57.4	171.9	42.0	-72.8	0.0148	0.0109	0.0127	21.78	29.51	25.42	0.00	-0.28	-0.45	0.0
45874	164.6	145.6	-58.9	179.1	40.6	-70.9	0.0164	0.0102	0.0127	20.49	32.96	26.39	0.00	-0.30	-0.46	0.0
45879	198.6	124.8	-60.2	182.7	-42.5	-68.1	0.0179	0.0094	0.0127	20.20	38.46	28.47	0.00	-0.38	-0.45	0.0
45884	233.9	102.8	-61.4	182.0	-45.3	-64.4	0.0194	0.0087	0.0127	19.30	43.24	29.47	0.00	-0.39	-0.46	0.0
45889	269.5	80.1	-62.4	176.6	-47.0	-60.1	0.0208	0.0079	0.0127	18.56	48.63	30.42	0.00	-0.40	-0.47	0.0
45894	304.3	57.6	-63.2	166.1	-47.4	-55.4	0.0222	0.0073	0.0127	17.95	54.58	31.30	0.00	-0.41	-0.48	0.0
45899	337.1	36.0	-63.7	150.6	-46.8	-50.6	0.0233	0.0067	0.0127	17.47	60.97	32.09	0.00	-0.42	-0.49	0.0
45904	367.0	16.4	-64.1	130.3	-45.1	-45.8	0.0244	0.0062	0.0127	17.10	67.56	32.81	0.00	-0.43	-0.50	0.0
45909	393.1	-0.3	-64.3	105.8	-42.4	-41.4	0.0252	0.0057	0.0127	16.84	74.03	33.45	0.00	-0.44	-0.51	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
45914	414.8	-13.3	-64.4	77.5	-38.9	-37.5	0.0259	0.0054	0.0127	16.69	79.89	34.03	0.00	-0.44	-0.52	0.0
45919	431.4	-20.8	-64.4	46.5	-34.6	-34.3	0.0263	0.0052	0.0127	16.66	84.60	34.54	0.00	-0.45	-0.52	0.0
45924	442.8	-23.3	-64.4	13.4	-29.7	-31.7	0.0266	0.0051	0.0127	16.75	87.68	35.02	0.00	-0.45	-0.53	0.0
45929	46.9	264.2	-223.9	128.5	99.6	-113.9	0.0097	0.0137	0.0127	34.31	24.14	26.07	0.00	-0.28	-0.63	0.0
45934	67.9	250.2	-230.5	146.2	99.0	-119.8	0.0109	0.0131	0.0127	30.99	25.75	26.56	0.00	-0.28	-0.64	0.0
45939	93.0	234.0	-236.9	162.0	97.6	-124.4	0.0119	0.0124	0.0127	29.08	27.77	27.16	0.00	-0.28	-0.66	0.0
45944	121.1	215.7	-242.9	175.3	95.5	-127.6	0.0133	0.0117	0.0127	26.53	30.20	27.81	0.00	-0.29	-0.68	0.0
45949	151.9	195.4	-248.5	185.5	92.4	-129.4	0.0148	0.0109	0.0127	24.45	33.13	28.54	0.00	-0.30	-0.69	0.0
45954	184.9	173.3	-253.6	192.2	88.1	-129.8	0.0164	0.0102	0.0127	22.76	36.62	29.33	0.00	-0.31	-0.70	0.0
45959	219.7	149.8	-258.0	194.9	82.6	-128.8	0.0179	0.0094	0.0127	21.41	40.75	30.17	0.00	-0.32	-0.71	0.0
45964	255.5	125.4	-261.5	193.1	75.7	-126.6	0.0194	0.0087	0.0127	20.33	45.55	31.04	0.00	-0.34	-0.72	0.0
45969	291.1	100.5	-263.9	186.4	67.2	-123.5	0.0208	0.0079	0.0127	19.46	50.99	31.89	0.00	-0.36	-0.73	0.0
45974	325.6	76.1	-265.4	174.5	57.3	-119.6	0.0222	0.0073	0.0127	18.75	57.00	32.68	0.00	-0.37	-0.74	0.0
45979	357.5	52.9	-266.0	157.4	46.1	-115.2	0.0233	0.0067	0.0127	18.17	63.42	33.39	0.00	-0.39	-0.74	0.0
45984	386.0	32.0	-265.9	135.6	-41.8	-110.7	0.0244	0.0062	0.0127	18.05	71.33	34.64	0.00	-0.43	-0.74	0.0
45989	410.2	14.3	-265.3	109.6	-42.2	-106.2	0.0252	0.0057	0.0127	17.63	77.50	35.02	0.00	-0.43	-0.75	0.0
45994	429.3	0.4	-264.2	80.1	-41.5	-101.9	0.0259	0.0054	0.0127	17.33	82.92	35.32	0.00	-0.43	-0.75	0.0
45999	443.0	-8.8	-262.8	48.1	-39.7	-98.0	0.0263	0.0052	0.0127	17.14	87.03	35.54	0.00	-0.43	-0.75	0.0
46004	450.8	-12.8	-261.2	14.5	-36.8	-94.5	0.0266	0.0051	0.0127	17.06	89.34	35.68	0.00	-0.44	-0.75	0.0
46009	55.7	274.7	-458.2	127.3	110.8	-132.5	0.0097	0.0137	0.0127	35.28	24.82	26.81	0.00	-0.30	-0.85	0.0
46014	76.2	260.4	-470.7	144.7	110.8	-138.0	0.0109	0.0131	0.0127	31.76	26.39	27.22	0.00	-0.30	-0.87	0.0
46019	100.7	243.6	-482.4	159.9	109.9	-142.1	0.0119	0.0124	0.0127	29.66	28.32	27.70	0.00	-0.30	-0.89	0.0
46024	127.7	224.6	-493.1	172.4	107.9	-144.6	0.0133	0.0117	0.0127	26.91	30.63	28.21	0.00	-0.31	-0.91	0.0
46029	157.0	203.6	-502.6	181.6	104.7	-145.7	0.0148	0.0109	0.0127	24.64	33.38	28.76	0.00	-0.31	-0.92	0.0
46034	188.2	181.1	-510.9	187.3	100.1	-145.2	0.0164	0.0102	0.0127	22.79	36.66	29.36	0.00	-0.32	-0.94	0.0
46039	220.8	157.5	-517.5	189.1	94.0	-143.4	0.0179	0.0094	0.0127	21.30	40.54	30.01	0.00	-0.33	-0.95	0.0
46044	254.1	133.2	-522.3	186.6	86.1	-140.2	0.0194	0.0087	0.0127	20.10	45.03	30.69	0.00	-0.35	-0.96	0.0
46049	287.2	108.7	-525.2	179.4	76.4	-135.9	0.0208	0.0079	0.0127	19.12	50.12	31.35	0.00	-0.36	-0.97	0.0
46054	318.7	84.8	-526.4	167.3	64.8	-130.9	0.0222	0.0073	0.0127	18.32	55.70	31.94	0.00	-0.37	-0.97	0.0
46059	347.5	62.2	-526.3	150.4	51.7	-125.3	0.0233	0.0067	0.0127	17.65	61.61	32.43	0.00	-0.38	-0.97	0.0
46064	372.7	42.0	-525.1	129.1	-47.9	-119.7	0.0244	0.0062	0.0127	17.42	68.82	33.42	0.00	-0.41	-0.97	0.0
46069	393.4	24.9	-522.9	104.0	-48.4	-114.2	0.0252	0.0057	0.0127	16.91	74.34	33.59	0.00	-0.41	-0.97	0.0
46074	409.1	11.6	-520.1	75.9	-47.7	-109.0	0.0259	0.0054	0.0127	16.52	79.06	33.67	0.00	-0.41	-0.97	0.0
46079	419.4	2.6	-516.7	45.8	-46.0	-104.4	0.0263	0.0052	0.0127	16.24	82.47	33.67	0.00	-0.41	-0.97	0.0
46084	424.1	-1.9	-513.0	14.4	-44.1	-100.3	0.0266	0.0051	0.0127	16.07	84.13	33.60	0.00	-0.41	-0.96	0.0
46089	55.5	271.8	-687.0	125.2	104.7	-139.5	0.0097	0.0137	0.0127	34.83	24.50	26.47	0.00	-0.31	-1.06	0.0
46094	75.3	256.8	-705.1	141.8	105.9	-142.9	0.0109	0.0131	0.0127	31.23	25.95	26.77	0.00	-0.31	-1.09	0.0
46099	98.8	239.4	-721.2	156.1	106.1	-144.7	0.0119	0.0124	0.0127	29.02	27.71	27.10	0.00	-0.31	-1.11	0.0
46104	124.2	219.6	-735.0	167.3	104.8	-144.9	0.0133	0.0117	0.0127	26.17	29.79	27.43	0.00	-0.31	-1.12	0.0
46109	151.4	198.1	-746.6	175.0	102.2	-143.7	0.0148	0.0109	0.0127	23.80	32.24	27.77	0.00	-0.32	-1.14	0.0
46114	180.0	175.5	-756.2	179.4	98.4	-141.4	0.0164	0.0102	0.0127	21.86	35.18	28.17	0.00	-0.32	-1.15	0.0
46119	209.9	152.2	-763.5	180.2	93.1	-137.7	0.0179	0.0094	0.0127	20.31	38.66	28.63	0.00	-0.33	-1.16	0.0
46124	240.2	128.5	-768.2	177.0	85.9	-132.7	0.0194	0.0087	0.0127	19.07	42.73	29.12	0.00	-0.34	-1.17	0.0
46129	270.1	104.8	-770.5	169.6	76.6	-126.7	0.0208	0.0079	0.0127	18.06	47.32	29.60	0.00	-0.35	-1.17	0.0
46134	298.4	81.7	-770.8	157.5	65.3	-120.1	0.0222	0.0073	0.0127	17.21	52.32	30.00	0.00	-0.36	-1.18	0.0
46139	323.9	60.1	-769.5	141.1	-55.3	-113.2	0.0233	0.0067	0.0127	16.84	58.76	30.93	0.00	-0.39	-1.18	0.0
46144	345.6	40.9	-767.0	120.6	-56.1	-106.4	0.0244	0.0062	0.0127	16.17	63.89	31.03	0.00	-0.39	-1.18	0.0
46149	362.9	24.8	-763.4	96.8	-56.0	-99.9	0.0252	0.0057	0.0127	15.62	68.66	31.03	0.00	-0.39	-1.17	0.0
46154	375.5	12.3	-758.8	70.6	-55.1	-94.0	0.0259	0.0054	0.0127	15.18	72.65	30.94	0.00	-0.39	-1.17	0.0
46159	383.1	3.8	-753.5	42.7	-54.1	-88.7	0.0263	0.0052	0.0127	14.86	75.44	30.80	0.00	-0.38	-1.16	0.0
46164	385.4	-0.4	-747.8	14.0	-55.0	-84.3	0.0266	0.0051	0.0127	14.64	76.63	30.60	0.00	-0.38	-1.15	0.0
46169	652.1	-110.1	-644.7	-482.9	-329.3	-491.5	0.0555	0.0132	0.0244	16.07	67.73	36.48	0.00	-0.78	-1.99	0.0
46170	669.7	-43.1	-423.7	-389.8	-123.7	-439.2	0.0551	0.0133	0.0244	15.33	63.43	34.59	0.00	-0.70	-1.63	0.0
46171	658.5	-2.5	-359.8	-324.6	183.2	-479.0	0.0548	0.0135	0.0244	16.42	66.84	36.85	0.00	-0.81	-1.59	0.0
46172	612.0	42.5	-294.0	-282.5	338.4	-609.2	0.0546	0.0215	0.0244	18.23	46.37	40.72	0.00	-0.86	-1.76	0.0
46173	425.5	140.3	-243.1	-246.4	660.3	-1016.1	0.0543	0.0216	0.0244	25.59	64.44	56.91	0.00	-1.29	-2.56	0.0
46174	573.7	-97.7	-531.7	-533.0	-435.6	-412.7	0.0567	0.0125	0.0244	15.79	71.52	36.67	0.00	-0.80	-1.94	0.0
46175	664.4	62.6	-135.2	-451.3	-123.6	-170.7	0.0564	0.0127	0.0244	16.07	71.42	37.10	0.00	-0.85	-1.27	0.0
46176	642.7	109.4	-76.9	-418.6	52.4	-143.2	0.0561	0.0128	0.0244	15.80	68.98	36.26	0.00	-0.89	-1.09	0.0
46177	516.4	140.1	-47.5	-384.3	114.2	-174.5	0.0558	0.0130	0.0244	14.31	61.53	32.69	0.00	-0.81	-0.98	0.0
46178	232.8	189.5	-19.9	-235.9	165.9	-297.8	0.0556	0.0210	0.0244	11.10	29.43	25.25	0.00	-0.60	-0.85	0.0
46179	438.4	-131.2	-626.7	-520.2	-475.2	-461.2	0.0577	0.0119	0.0127	13.43	65.38	60.98	0.00	-0.68	-1.96	0.0
46180	547.6	53.8	-167.5	-449.0	-158.1	-169.4	0.0574	0.0120	0.0127	14.22	67.89	64.19	0.00	-0.78	-1.23	0.0
46181	532.9	125.2	-86.6	-400.6	-36.4	-90.9	0.0571	0.0122	0.0127	13.65	64.02	61.29	0.00	-0.78	-0.98	0.0
46182	424.7	155.7	-48.6	-352.2	78.8	-88.5	0.0568	0.0123	0.0127	12.06	55.70	53.92	0.00	-0.73	-0.79	0.0
46183	243.0	246.2	-8.7	-257.4	137.0	-155.0	0.0565	0.0124	0.0127	10.17	46.27	45.25	0.00	-0.59	-0.66	0.0
46184	330.8	-174.6	-694.4	-490.0	-493.2	-511.7	0.0144	0.0111	0.0127	45.40	58.80	51.57	0.00	-0.56	-1.95	0.0
46185	471.1	28.2	-179.7	-415.0	-169.5	-185.2	0.0588	0.0113	0.0127	12.30	63.97	56.90	0.00	-0.68	-1.17	0.0
46186	476.6	107.6	-88.3	-365.4	-46.5	-83.8	0.0585	0.0114	0.0127	11.99	61.28	55.20	0.00	-0.71	-0.90	0.0
46187	402.0	152.6	-44.6	-327.1	60.2	-59.7	0.0582	0.0116	0.0127	10.95	55.06	50.17	0.00	-0.68	-0.72	0.0
46188	262.8	257.9	-2.5	-271.3	101.9	-96.6	0.0580	0.0117	0.0127	9.76	48.39	44.56	0.00	-0.58	-0.60	0.0
46189	249.2	-224.6	-756.7	-462.0	-500.1	-570.1	0.0159	0.0104	0.0127	34.82	53.05	43.51	0.00	-0.44	-1.95	0.0
46190	419.2	-3.1	-194.3	-381.1	-174.9	-204.3	0.0156	0.0106	0.0127	41.49	61.17	50.88	0.00	-0.59	-1.12	0.0
46191	446.0	85.2	-94.4	-330.7	-51.3	-82.9	0.0600	0.0107	0.0127	10.71	60.00	50.54	0.00	-0.65	-0.84	0.0
46192	395.3	142.4	-46.9	-302.8	48.9	-43.8	0.0597	0.0108	0.0127	10.10	55.72	47.48	0.00	-0.65	-0.67	0.0
46193	289.2	239.8	-1.6	-272.4	86.4	-62.8	0.0595	0.0109	0.0127	9.38	50.98	43.92	0.00	-0.56	-0.59	0.0
46194	189.6	-278.0	-808.8	-438.2	-497.9	-629.7	0.0173	0.0097	0.0127	27.05	48.34	36.89	0.00	-0.35	-1.95	0.0
46195	384.5	-36.8	-206.2	-351.2	-176.0	-224.6	0.0171	0.0098	0.0127	34.34	59.59	46.10	0.00	-0.53	-1.09	0.0
46196	428.0	61.8	-99.4	-299.7	-54.1	-84.0	0.0168	0.0100	0.0127	35.45	59.88	46.91	0.00	-0.60	-0.80	0.0
46197	397.2	125.5	-48.6	-278.7	40.9	-32.4	0.0613	0.0101	0.0127	9.40	57.16	45.30	0.00	-0.62	-0.63	0.0
46198	315.4	210.9	-0.9	-265.7	74.5	-39.7	0.0611	0.0102	0.0127	8.95	53.70	43.00	0.00	-0.54	-0.57	0.0
46199	146.1	-334.7	-855.3	-417.2	-489.6	-691.8	0.0188	0.0090	0.0127	21.26	44.38	31.38	0.00	-0.27	-1.97	0.0
46200	360.6	-71.5	-216.6	-324.6	-174.0	-245.6	0.0185	0.0091	0.0127	28.97	58.95	42.22	0.00	-0.47	-1.07	0.0
46201	416.9	38.9	-103.9	-271.6	-55.4	-86.3	0.0183	0.0092	0.0127	30.54	60.66	43.98	0.00	-0.56	-0.76	0.0
46202	401.6	106.3	-50.4	-254.9	34.0	-23.4	0.0181	0.0093	0.0127	30.46	59.19	43.38	0.00	-0.59	-0.61	0.0
46203	339.8	178.9	-0.5	-252.9	64.6	-22.0	0.0179	0.0094	0.0127	29.75	56.62	41.92	0.00	-0.52	-0.56	0.0
46204	115.8	-393.4	-896.7	-396.3	-472.8	-755.8	0.0201	0.0083	0.0127	16.85	40.87	26.69	0.00	-0.20	-1.99	0.0
46205	344.5	-106.4	-225.9	-299.7	-169.0	-267.3	0.0199	0.0084	0.0127	24.88	59.04	39.01	0.00	-0.42	-1.05	0.0
46206	409.5	16.9	-107.9	-245.4	-55.5	-89.5	0.0197	0.0085	0.0127	26.72	62.13	41.52	0.00	-0.53	-0.74	0.0
46207	406.6	86.6	-52.1	-230.9	27.5	-16.2	0.0196	0.0086	0.0127	27.05	61.69	41.65	0.00	-0.56	-0.58	0.0
46208	361.6	146.8	-0.1	-235.5	55.4	18.8	0.0194	0.0087	0.0127	26.57	59.53	40.57	0.00	-0.47	-0.56	0.0
46209	96.6	-452.0	-932.8	-373.7	-448.1	-817.0	0.0214	0.0076	0.0127	13.49	37.80	22.74	0.00	-0.14	-2.02	0.0
46210	334.2	-140.7	-234.1	-275.1	-161.0	-288.5	0.0213	0.0077	0.0127	21.70	59.69	36.31	0.00	-0.38	-1.04	0.0
46211	404.6	-3.9	-111.4	-220.0	-54.4	-93.4	0.0211	0.0078	0.0127	23.72	64.14	39.41	0.00	-0.50	-0.71	0.0
46212	411.2	67.3	-53.5	-206.5	21.6	-10.7	0.0210	0.0079	0.0127	24.28	64.59	40.05	0.00	-0.54	-0.56	0.0
46213	380.2	116.3	0.3	-214.4	46.6	20.8	0.0208	0.0079	0.0127	24.09	63.14	39.49	0.00	-0.46	-0.55	0.0
46214	86.2	-509.8	-965.1	-347.6	-415.7	-875.4	0.0226	0.0070	0.0127	10.91	35.03	19.43	0.00	-0.08	-2.04	0.0
46215	328.5	-173.6	-241.3	-249.7	-150.0	-308.8	0.0225	0.0071	0.0127	19.22	60.77	34.02	0.00	-0.35	-1.03	0.0
46216	401.1	-23.4	-114.6	-195.0	-52.2	-97.6	0.0224	0.0072	0.0127	21.34	66.53	37.57	0.00	-0.47	-0.69	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
46217	414.9	49.2	-54.8	-181.5	16.1	7.9	0.0223	0.0072	0.0127	22.01	67.73	38.55	0.00	-0.51	-0.55	0.0
46218	395.4	88.5	0.7	-190.2	38.2	22.6	0.0222	0.0073	0.0127	22.01	66.92	38.37	0.00	-0.45	-0.53	0.0
46219	82.8	-565.5	-994.0	-317.1	-375.4	-929.7	0.0237	0.0065	0.0127	8.95	32.59	16.70	0.00	-0.04	-2.07	0.0
46220	325.8	-204.6	-247.8	-222.6	-136.0	-327.8	0.0236	0.0066	0.0127	17.26	62.10	32.06	0.00	-0.32	-1.03	0.0
46221	398.5	-41.1	-117.4	-169.7	-48.7	-101.9	0.0235	0.0066	0.0127	19.42	69.13	35.94	0.00	-0.45	-0.68	0.0
46222	417.1	32.9	-56.0	-155.9	11.0	7.0	0.0234	0.0066	0.0127	20.17	71.06	37.18	0.00	-0.49	-0.53	0.0
46223	406.9	64.1	1.1	-163.7	30.1	24.0	0.0233	0.0067	0.0127	20.27	70.74	37.24	0.00	-0.44	-0.51	0.0
46224	84.1	-617.7	-1019.8	-281.5	-327.2	-978.7	0.0246	0.0060	0.0127	7.72	31.43	14.96	0.00	-0.02	-2.10	0.0
46225	325.2	-232.8	-253.6	-193.7	-119.1	-345.0	0.0246	0.0061	0.0127	15.72	63.47	30.38	0.00	-0.29	-1.03	0.0
46226	396.1	-56.9	-119.9	-144.2	-43.9	-106.2	0.0245	0.0061	0.0127	17.89	71.70	34.49	0.00	-0.43	-0.66	0.0
46227	417.7	18.7	-57.0	-130.0	-11.1	6.0	0.0244	0.0061	0.0127	18.68	74.32	35.93	0.00	-0.48	-0.51	0.0
46228	414.5	43.6	1.5	-135.4	22.5	25.7	0.0244	0.0062	0.0127	18.83	74.38	36.12	0.00	-0.43	-0.49	0.0
46229	88.2	-664.7	-1042.7	-240.6	-272.0	-1021.2	0.0254	0.0057	0.0127	7.41	33.22	14.81	0.00	-0.04	-2.14	0.0
46230	325.3	-257.7	-258.8	-162.6	-99.6	-360.0	0.0254	0.0057	0.0127	14.50	64.65	28.93	0.00	-0.27	-1.02	0.0
46231	393.3	-70.4	-122.1	-118.3	-38.0	-110.2	0.0253	0.0057	0.0127	16.67	73.94	33.20	0.00	-0.42	-0.65	0.0
46232	416.5	7.1	-57.8	-103.9	-11.2	4.8	0.0253	0.0057	0.0127	17.47	77.13	34.75	0.00	-0.46	-0.50	0.0
46233	418.2	27.1	1.9	-106.2	15.3	28.5	0.0252	0.0057	0.0127	17.64	77.54	35.04	0.00	-0.41	-0.48	0.0
46234	93.1	-705.1	-1062.8	-194.8	-210.6	-1056.3	0.0260	0.0054	0.0127	7.32	35.40	14.97	0.00	-0.06	-2.18	0.0
46235	325.2	-278.7	-263.4	-129.6	-77.8	-372.5	0.0260	0.0054	0.0127	13.55	65.35	27.68	0.00	-0.26	-1.02	0.0
46236	389.7	-81.3	-124.1	-92.1	-30.9	-113.7	0.0259	0.0054	0.0127	15.70	75.50	32.04	0.00	-0.40	-0.64	0.0
46237	413.2	-1.8	-58.6	-77.9	-10.8	3.7	0.0259	0.0054	0.0127	16.50	79.12	33.64	0.00	-0.44	-0.49	0.0
46238	418.0	14.9	2.2	-76.7	8.7	30.9	0.0259	0.0054	0.0127	16.68	79.83	34.00	0.00	-0.40	-0.46	0.0
46239	97.1	-737.6	-1080.1	-144.6	-144.6	-1083.3	0.0264	0.0052	0.0127	7.25	36.96	15.05	0.00	-0.08	-2.22	0.0
46240	324.0	-295.0	-267.3	-94.8	-54.6	-382.0	0.0264	0.0052	0.0127	12.83	65.31	26.61	0.00	-0.24	-1.01	0.0
46241	384.9	-89.4	-125.7	-65.9	-22.9	-116.6	0.0264	0.0052	0.0127	14.94	76.02	31.00	0.00	-0.39	-0.63	0.0
46242	407.7	-7.7	-59.2	-52.5	-9.9	2.8	0.0264	0.0052	0.0127	15.72	79.92	32.61	0.00	-0.43	-0.47	0.0
46243	414.0	7.0	2.6	-47.4	-5.2	32.3	0.0263	0.0052	0.0127	15.93	80.88	33.02	0.00	-0.39	-0.45	0.0
46244	98.6	-760.9	-1094.8	-90.6	-75.8	-1101.1	0.0266	0.0051	0.0127	7.16	37.49	14.97	0.00	-0.09	-2.24	0.0
46245	320.8	-306.2	-270.6	-58.9	-30.7	-388.4	0.0266	0.0051	0.0127	12.28	64.31	25.68	0.00	-0.23	-1.01	0.0
46246	378.4	-94.6	-127.1	-40.0	-15.1	-118.7	0.0266	0.0051	0.0127	14.37	75.24	30.05	0.00	-0.37	-0.61	0.0
46247	400.0	-10.8	-59.8	-28.1	-9.6	2.2	0.0266	0.0051	0.0127	15.13	79.22	31.64	0.00	-0.41	-0.46	0.0
46248	406.4	3.4	2.9	-19.0	-9.1	32.7	0.0266	0.0051	0.0127	15.34	80.30	32.07	0.00	-0.37	-0.44	0.0
46253	220.7	321.6	-281.4	-219.2	832.2	-1104.8	0.0543	0.0216	0.0244	28.41	71.54	63.18	0.00	-1.50	-2.87	0.0
46258	57.6	197.4	-155.4	-133.5	381.7	-744.3	0.0556	0.0210	0.0244	16.64	44.12	37.84	0.00	-0.95	-1.73	0.0
46263	89.9	173.7	-74.1	-127.8	280.8	-429.5	0.0565	0.0124	0.0127	11.25	51.20	50.08	0.00	-0.64	-1.08	0.0
46268	130.9	179.3	-60.0	-169.5	202.8	-281.3	0.0580	0.0117	0.0127	9.13	45.23	41.65	0.00	-0.54	-0.79	0.0
46273	178.5	193.3	-56.7	-205.2	157.6	-198.9	0.0595	0.0109	0.0127	8.49	46.14	39.74	0.00	-0.52	-0.68	0.0
46278	223.0	183.9	-57.2	-224.7	125.5	-147.2	0.0611	0.0102	0.0127	8.12	48.71	39.01	0.00	-0.51	-0.62	0.0
46283	264.4	162.4	-58.4	-231.5	100.2	-111.2	0.0179	0.0094	0.0127	27.38	52.11	38.58	0.00	-0.51	-0.60	0.0
46288	302.4	135.0	-59.8	-228.8	78.7	-85.1	0.0194	0.0087	0.0127	25.04	56.10	38.23	0.00	-0.50	-0.58	0.0
46293	336.9	105.6	-61.1	-218.4	59.9	-65.9	0.0208	0.0079	0.0127	23.13	60.62	37.91	0.00	-0.50	-0.57	0.0
46298	367.6	76.5	-62.1	-201.5	43.4	-51.9	0.0222	0.0073	0.0127	21.57	65.58	37.60	0.00	-0.49	-0.56	0.0
46303	394.0	49.4	-63.0	-179.2	-30.8	-42.0	0.0233	0.0067	0.0127	20.16	70.34	37.03	0.00	-0.46	-0.57	0.0
46308	415.7	25.4	-63.6	-152.5	-31.5	-35.4	0.0244	0.0062	0.0127	19.23	75.97	36.89	0.00	-0.47	-0.56	0.0
46313	432.2	5.4	-64.0	-122.5	-30.9	-31.3	0.0252	0.0057	0.0127	18.45	81.09	36.64	0.00	-0.47	-0.55	0.0
46318	443.3	-9.7	-64.2	-89.9	-28.9	-29.4	0.0259	0.0054	0.0127	17.82	85.25	36.31	0.00	-0.47	-0.55	0.0
46323	448.8	-18.8	-64.3	-55.8	-26.1	-29.0	0.0263	0.0052	0.0127	17.32	87.94	35.91	0.00	-0.46	-0.54	0.0
46328	448.6	-22.7	-64.4	-21.2	-25.7	-30.0	0.0266	0.0051	0.0127	16.96	88.80	35.47	0.00	-0.46	-0.53	0.0
46333	328.3	412.4	-318.7	-292.2	803.1	-1063.7	0.0543	0.0216	0.0244	29.32	73.82	65.19	0.00	-1.52	-2.84	0.0
46338	69.6	269.2	-302.5	-156.5	401.7	-785.4	0.0556	0.0210	0.0244	17.41	46.16	39.59	0.00	-0.98	-1.88	0.0
46343	90.5	206.8	-241.2	-141.3	335.4	-566.3	0.0565	0.0124	0.0127	13.11	59.67	58.36	0.00	-0.74	-1.42	0.0
46348	100.9	183.9	-218.0	-144.4	246.8	-396.7	0.0580	0.0117	0.0127	9.81	48.61	44.77	0.00	-0.57	-1.07	0.0
46353	131.9	172.3	-215.2	-159.9	187.4	-291.3	0.0595	0.0109	0.0127	8.11	44.09	37.98	0.00	-0.49	-0.87	0.0
46358	176.2	165.7	-219.1	-182.4	142.3	-223.4	0.0611	0.0102	0.0127	7.43	44.56	35.68	0.00	-0.46	-0.78	0.0
46363	221.2	152.3	-225.0	-196.5	106.9	-177.5	0.0179	0.0094	0.0127	24.82	47.24	34.98	0.00	-0.44	-0.74	0.0
46368	264.0	132.1	-231.2	-200.9	77.8	-145.5	0.0194	0.0087	0.0127	22.81	51.11	34.83	0.00	-0.44	-0.73	0.0
46373	303.7	108.1	-236.9	-196.8	-67.8	-123.2	0.0208	0.0079	0.0127	20.44	53.56	33.50	0.00	-0.37	-0.73	0.0
46378	339.9	83.0	-241.9	-185.3	-69.9	-107.9	0.0222	0.0073	0.0127	19.73	59.99	34.40	0.00	-0.39	-0.74	0.0
46383	371.9	58.6	-246.2	-167.6	-70.0	-97.9	0.0233	0.0067	0.0127	19.09	66.61	35.06	0.00	-0.41	-0.74	0.0
46388	399.1	36.4	-249.8	-144.6	-67.8	-91.8	0.0244	0.0062	0.0127	18.51	73.14	35.52	0.00	-0.42	-0.75	0.0
46393	421.2	17.5	-252.9	-117.4	-63.1	-88.9	0.0252	0.0057	0.0127	18.02	79.21	35.79	0.00	-0.43	-0.75	0.0
46398	437.6	2.7	-255.4	-86.8	-55.8	-88.3	0.0259	0.0054	0.0127	17.62	84.31	35.91	0.00	-0.44	-0.75	0.0
46403	448.1	-7.3	-257.6	-54.0	-46.2	-89.3	0.0263	0.0052	0.0127	17.31	87.92	35.90	0.00	-0.44	-0.75	0.0
46408	452.5	-12.2	-259.5	-19.9	-35.4	-91.5	0.0266	0.0051	0.0127	17.11	89.60	35.78	0.00	-0.44	-0.75	0.0
46413	467.6	491.1	-383.0	-379.6	757.2	-1050.1	0.0543	0.0216	0.0244	30.70	77.29	68.26	0.00	-1.56	-2.87	0.0
46418	80.5	306.4	-458.3	-174.6	385.4	-763.9	0.0556	0.0210	0.0244	16.72	44.31	38.01	0.00	-0.94	-1.92	0.0
46423	104.6	230.8	-439.0	-150.8	346.8	-586.8	0.0565	0.0124	0.0127	12.88	58.62	57.33	0.00	-0.72	-1.57	0.0
46428	108.4	194.9	-426.9	-147.4	274.5	-441.6	0.0580	0.0117	0.0127	9.90	49.06	45.18	0.00	-0.57	-1.27	0.0
46433	130.1	173.7	-426.5	-151.6	215.5	-332.0	0.0595	0.0109	0.0127	8.01	43.53	37.49	0.00	-0.47	-1.08	0.0
46438	158.3	157.5	-434.3	-159.6	166.0	-255.1	0.0611	0.0102	0.0127	6.91	41.48	33.22	0.00	-0.42	-0.97	0.0
46443	192.8	141.9	-444.8	-167.6	125.3	-201.0	0.0179	0.0094	0.0127	22.24	42.33	31.34	0.00	-0.39	-0.91	0.0
46448	230.1	124.0	-455.7	-171.5	91.6	-162.9	0.0194	0.0087	0.0127	20.18	45.20	30.81	0.00	-0.38	-0.89	0.0
46453	267.1	103.9	-465.8	-169.5	-87.9	-136.3	0.0208	0.0079	0.0127	17.94	47.01	29.40	0.00	-0.33	-0.89	0.0
46458	302.0	82.6	-474.9	-161.3	-90.5	-118.0	0.0222	0.0073	0.0127	17.52	53.27	30.54	0.00	-0.35	-0.91	0.0
46463	333.8	61.7	-482.8	-147.2	-90.3	-105.9	0.0233	0.0067	0.0127	17.14	59.81	31.49	0.00	-0.37	-0.92	0.0
46468	361.6	42.3	-489.6	-128.0	-87.3	-98.5	0.0244	0.0062	0.0127	16.79	66.35	32.22	0.00	-0.38	-0.93	0.0
46473	384.8	25.6	-495.6	-104.5	-81.2	-94.7	0.0252	0.0057	0.0127	16.49	72.49	32.76	0.00	-0.39	-0.94	0.0
46478	403.0	12.4	-500.7	-77.6	-72.3	-93.6	0.0259	0.0054	0.0127	16.26	77.79	33.13	0.00	-0.40	-0.95	0.0
46483	415.8	3.2	-505.1	-48.2	-60.9	-94.6	0.0263	0.0052	0.0127	16.09	81.72	33.37	0.00	-0.41	-0.95	0.0
46488	422.9	-1.6	-509.1	-17.2	-48.7	-96.9	0.0266	0.0051	0.0127	16.02	83.88	33.50	0.00	-0.41	-0.96	0.0
46493	626.8	583.2	-477.3	-486.5	688.6	-1021.8	0.0543	0.0216	0.0244	32.28	81.28	71.78	0.00	-1.60	-2.93	0.0
46498	81.2	324.1	-616.7	-184.9	367.7	-725.8	0.0556	0.0210	0.0244	15.64	41.47	35.57	0.00	-0.89	-1.93	0.0
46503	109.8	235.7	-626.5	-153.9	343.4	-567.6	0.0565	0.0124	0.0127	11.96	54.42	53.23	0.00	-0.67	-1.64	0.0
46508	109.0	194.5	-628.6	-147.2	286.1	-443.9	0.0580	0.0117	0.0127	9.35	46.35	42.69	0.00	-0.54	-1.41	0.0
46513	127.1	168.5	-633.7	-146.9	234.9	-341.7	0.0595	0.0109	0.0127	7.61	41.39	35.65	0.00	-0.45	-1.25	0.0
46518	149.5	148.7	-644.6	-150.0	186.6	-262.6	0.0611	0.0102	0.0127	6.50	38.98	31.21	0.00	-0.39	-1.14	0.0
46523	176.5	130.6	-658.1	-152.8	144.7	-204.2	0.0179	0.0094	0.0127	20.45	38.92	28.82	0.00	-0.36	-1.09	0.0
46528	206.1	112.4	-672.0	-153.2	109.3	-162.0	0.0194	0.0087	0.0127	18.19	40.76	27.78	0.00	-0.35	-1.06	0.0
46533	236.8	93.5	-684.9	-149.9	-96.9	-131.9	0.0208	0.0079	0.0127	15.91	41.69	26.08	0.00	-0.30	-1.05	0.0
46538	266.9	74.3	-696.5	-142.1	-100.1	-110.8	0.0222	0.0073	0.0127	15.51	47.16	27.04	0.00	-0.32	-1.07	0.0
46543	295.2	55.7	-706.8	-129.7	-100.3	-96.3	0.0233	0.0067	0.0127	15.20	53.04	27.92	0.00	-0.33	-1.09	0.0
46548	320.8	38.6	-715.9	-112.9	-97.4	-87.0	0.0244	0.0062	0.0127	14.94	59.01	28.66	0.00	-0.35	-1.10	0.0
46553	342.7	23.8	-723.9	-92.4	-91.4	-81.6	0.0252	0.0057	0.0127	14.73	64.73	29.25	0.00	-0.36	-1.11	0.0
46558	360.6	12.1	-730.9	-68.7	-82.7	-79.3	0.0259	0.0054	0.0127	14.58	69.77	29.72	0.00	-0.37	-1.12	0.0
46563	373.9	3.9	-736.8	-42.5	-72.0	-79.4	0.0263	0.0052	0.0127	14.51	73.68	30.08	0.00	-0.37	-1.13	0.0
46568	382.3	-0.4	-742.3	-14.8	-61.4	-81.1	0.0266	0.0051	0.0127	14.52	76.04	30.37	0.00	-0.38	-1.14	0.0
46577	198.1	208.8	-1246.9	-95.6	232.2	309.7	0.0143	0.0114	0.0127	21.34	26.66	23.96	0.00	-0.10	-1.65	0.0
46646	188.6	209.3	-1200.5	-98.7	253.1	315.3	0.0138	0.0116	0.0127	21.98	26.10	23.91	0.00	-0.09	-1.62	0.0
46655	194.6	204.1	-1193.6	-100.0	240.7	320.5	0.0143	0.0112	0.0127	21.31	27.25	24.02	0.00	-0.10	-1.61	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
46664	166.1	171.2	-1319.6	-77.1	234.4	311.0	0.0143	0.0114	0.0127	17.63	22.02	19.79	0.00	-0.07	-1.67	0.0
46733	160.2	173.1	-1264.4	-81.1	260.9	320.2	0.0138	0.0116	0.0127	18.40	21.85	20.02	0.00	-0.06	-1.63	0.0
46742	166.6	169.4	-1257.9	-81.8	248.9	326.6	0.0143	0.0112	0.0127	17.88	22.87	20.16	0.00	-0.06	-1.63	0.0
46751	122.4	110.6	-1403.3	-70.4	234.8	303.5	0.0143	0.0114	0.0127	13.24	16.54	14.87	0.00	-0.05	-1.69	0.0
46820	124.4	115.3	-1348.4	-71.6	270.3	319.3	0.0138	0.0116	0.0127	13.96	16.57	15.19	0.00	-0.03	-1.66	0.0
46829	131.4	112.4	-1342.5	-71.5	258.6	326.5	0.0143	0.0112	0.0127	13.63	17.43	15.36	0.00	-0.03	-1.65	0.0
46838	38.6	18.1	-1483.9	-95.6	234.5	291.0	0.0143	0.0114	0.0127	8.76	10.94	9.83	0.00	-0.10	-1.70	0.0
46907	40.4	22.1	-1452.8	-94.0	267.8	306.1	0.0138	0.0116	0.0127	9.10	10.80	9.90	0.00	-0.08	-1.69	0.0
46916	50.0	17.3	-1447.9	-93.6	257.7	312.2	0.0143	0.0112	0.0127	8.99	11.49	10.13	0.00	-0.08	-1.69	0.0
46925	-90.6	-97.3	-1545.4	-155.9	291.0	322.1	0.0143	0.0114	0.0127	4.36	5.45	4.90	0.00	-0.18	-1.74	0.0
46976	85.7	-310.7	-1278.7	25.7	-54.9	475.4	0.0266	0.0051	0.0127	3.31	17.36	6.93	0.00	-0.20	-1.56	0.0
46977	79.2	-316.1	-1299.5	-29.0	-28.7	482.9	0.0264	0.0052	0.0127	3.27	16.65	6.79	0.00	-0.21	-1.58	0.0
46978	70.1	-318.6	-1319.8	-55.2	46.6	490.1	0.0259	0.0054	0.0127	3.02	14.54	6.17	0.00	-0.20	-1.60	0.0
46979	58.2	-318.3	-1339.3	-81.2	84.2	496.5	0.0253	0.0057	0.0127	2.98	13.22	5.93	0.00	-0.20	-1.62	0.0
46980	42.9	-314.9	-1357.6	-106.7	122.8	501.9	0.0245	0.0061	0.0127	2.96	11.90	5.71	0.00	-0.20	-1.65	0.0
46981	24.1	-308.6	-1374.5	-131.2	162.3	506.3	0.0236	0.0066	0.0127	2.96	10.62	5.50	0.00	-0.20	-1.67	0.0
46982	1.8	-299.6	-1389.6	-154.4	202.8	509.5	0.0225	0.0071	0.0127	2.98	9.41	5.28	0.00	-0.19	-1.69	0.0
46983	-23.9	-288.2	-1402.4	-176.1	244.5	511.4	0.0213	0.0077	0.0127	3.02	8.31	5.06	0.00	-0.19	-1.72	0.0
46984	-52.7	-274.7	-1412.5	-196.0	287.8	511.8	0.0200	0.0084	0.0127	3.09	7.36	4.85	0.00	-0.18	-1.74	0.0
46985	-84.6	-259.8	-1418.9	-214.3	333.7	510.9	0.0186	0.0091	0.0127	3.19	6.55	4.67	0.00	-0.18	-1.76	0.0
46986	-271.7	-140.6	-1445.6	-230.8	533.2	375.2	0.0112	0.0130	0.0127	3.10	2.66	2.72	0.00	-0.16	-1.80	0.0
46987	-247.7	-162.1	-1436.1	-243.1	524.5	412.1	0.0124	0.0124	0.0127	3.46	3.46	3.37	0.00	-0.16	-1.82	0.0
46988	-221.3	-185.4	-1425.0	-251.4	511.0	450.2	0.0132	0.0117	0.0127	3.73	4.21	3.89	0.00	-0.15	-1.83	0.0
46994	-124.1	-115.2	-1545.0	-169.9	317.4	332.4	0.0138	0.0116	0.0127	3.66	4.35	3.98	0.00	-0.19	-1.75	0.0
46995	-118.2	-244.0	-1422.8	-230.3	382.3	508.6	0.0172	0.0097	0.0127	3.35	5.92	4.54	0.00	-0.17	-1.79	0.0
46998	-152.5	-226.2	-1424.1	-241.8	426.6	499.5	0.0159	0.0104	0.0127	3.48	5.30	4.35	0.00	-0.16	-1.81	0.0
47001	-187.9	-208.0	-1421.2	-250.5	472.1	486.6	0.0145	0.0111	0.0127	3.63	4.76	4.15	0.00	-0.15	-1.82	0.0
47003	-109.4	-124.2	-1541.7	-170.8	306.6	339.2	0.0143	0.0112	0.0127	3.79	4.85	4.28	0.00	-0.19	-1.75	0.0
47012	261.2	-33.0	-978.2	225.0	-184.6	264.3	0.0143	0.0114	0.0244	26.86	33.66	15.71	0.00	-0.43	-1.47	0.0
47063	90.5	-302.8	-1256.3	51.3	-80.3	467.4	0.0266	0.0051	0.0127	3.67	19.22	7.68	0.00	-0.21	-1.55	0.0
47064	94.2	-292.4	-1233.4	76.0	-105.0	458.9	0.0264	0.0052	0.0127	4.13	21.03	8.57	0.00	-0.22	-1.54	0.0
47065	97.2	-279.6	-1210.7	99.7	-129.6	450.3	0.0259	0.0054	0.0127	4.71	22.69	9.62	0.00	-0.23	-1.53	0.0
47066	100.2	-264.7	-1187.9	122.3	-153.2	442.1	0.0253	0.0057	0.0127	5.44	24.20	10.84	0.00	-0.24	-1.53	0.0
47067	104.3	-248.0	-1164.6	143.6	-174.9	434.6	0.0245	0.0061	0.0127	6.35	25.58	12.26	0.00	-0.25	-1.53	0.0
47068	110.2	-229.9	-1140.3	163.9	-194.5	428.2	0.0236	0.0066	0.0127	7.49	26.91	13.91	0.00	-0.26	-1.53	0.0
47069	119.2	-210.7	-1114.3	183.2	-211.9	423.1	0.0225	0.0071	0.0127	8.95	28.28	15.84	0.00	-0.28	-1.53	0.0
47070	132.4	-190.7	-1085.8	202.0	-227.5	419.5	0.0213	0.0077	0.0127	10.81	29.80	18.11	0.00	-0.30	-1.54	0.0
47071	151.3	-170.3	-1053.3	220.9	-241.7	417.7	0.0200	0.0084	0.0127	13.24	31.59	20.81	0.00	-0.32	-1.55	0.0
47072	177.7	-150.1	-1014.8	241.1	-255.4	418.5	0.0186	0.0091	0.0127	16.45	33.82	24.10	0.00	-0.34	-1.57	0.0
47073	497.2	-40.9	-643.7	337.7	-195.3	411.9	0.0558	0.0130	0.0244	11.82	50.86	27.00	0.00	-0.58	-1.59	0.0
47074	430.2	-55.6	-692.0	348.5	-249.4	408.4	0.0570	0.0124	0.0244	10.75	49.55	25.09	0.00	-0.55	-1.61	0.0
47075	374.4	-72.6	-775.2	338.9	-276.8	414.0	0.0579	0.0117	0.0127	9.65	47.62	43.99	0.00	-0.52	-1.64	0.0
47081	277.0	-38.9	-926.7	242.9	-185.0	291.9	0.0138	0.0116	0.0244	29.56	35.18	16.75	0.00	-0.45	-1.47	0.0
47082	212.2	-130.4	-970.4	263.1	-268.5	419.7	0.0172	0.0097	0.0127	20.66	36.56	28.03	0.00	-0.37	-1.59	0.0
47085	255.3	-110.8	-917.5	285.8	-276.5	420.3	0.0159	0.0104	0.0127	26.01	39.68	32.53	0.00	-0.41	-1.60	0.0
47088	310.3	-92.2	-850.1	312.1	-281.4	422.2	0.0146	0.0111	0.0127	33.15	43.52	37.96	0.00	-0.46	-1.62	0.0
47090	252.2	-46.8	-974.5	238.2	-192.2	289.9	0.0144	0.0112	0.0127	26.80	34.38	30.26	0.00	-0.43	-1.49	0.0
47099	188.3	42.8	-985.4	138.8	-172.9	231.2	0.0143	0.0114	0.0244	19.06	23.96	11.17	0.00	-0.23	-1.34	0.0
47168	201.8	50.1	-921.9	144.4	-179.5	250.8	0.0139	0.0116	0.0244	20.89	24.93	11.85	0.00	-0.23	-1.31	0.0
47177	203.7	45.9	-958.5	144.3	-185.7	250.4	0.0144	0.0112	0.0127	20.19	25.98	22.85	0.00	-0.24	-1.34	0.0
47186	200.5	105.3	-976.8	99.0	-175.5	234.0	0.0143	0.0114	0.0244	18.39	23.12	10.78	0.00	-0.14	-1.32	0.0
47255	200.7	113.0	-907.5	104.5	-182.9	252.4	0.0139	0.0116	0.0244	19.50	23.26	11.06	0.00	-0.13	-1.27	0.0
47264	191.5	109.8	-932.6	103.4	-190.2	253.6	0.0144	0.0112	0.0127	18.23	23.46	20.63	0.00	-0.13	-1.29	0.0
47273	230.1	145.6	-968.1	115.5	-175.0	239.9	0.0143	0.0114	0.0244	21.71	27.28	12.72	0.00	-0.17	-1.36	0.0
47342	229.1	150.1	-906.3	123.1	-179.4	256.4	0.0139	0.0116	0.0244	23.00	27.43	13.05	0.00	-0.17	-1.32	0.0
47351	216.1	146.2	-922.2	120.9	-185.8	256.6	0.0144	0.0112	0.0127	21.36	27.47	24.16	0.00	-0.16	-1.32	0.0
47360	238.0	172.1	-964.0	135.1	-177.2	243.0	0.0143	0.0114	0.0244	24.04	30.21	14.09	0.00	-0.20	-1.39	0.0
47429	239.7	173.9	-912.7	141.7	-183.0	259.6	0.0139	0.0116	0.0244	25.43	30.33	14.43	0.00	-0.20	-1.36	0.0
47438	224.1	168.0	-922.0	138.8	-185.7	258.3	0.0144	0.0112	0.0127	23.53	30.25	26.61	0.00	-0.19	-1.35	0.0
47447	218.8	-63.1	-1304.3	-249.4	-275.5	-261.5	0.0143	0.0114	0.0244	26.08	32.58	15.23	0.00	-0.47	-1.79	0.0
47498	48.5	-466.0	-1837.3	-58.6	-92.5	-625.8	0.0266	0.0051	0.0127	2.09	10.94	4.37	0.00	-0.28	-2.14	0.0
47499	50.1	-452.3	-1813.1	-92.1	-132.1	-614.4	0.0264	0.0052	0.0127	2.54	12.92	5.27	0.00	-0.29	-2.13	0.0
47500	49.8	-435.0	-1785.1	-124.1	-171.0	-601.9	0.0259	0.0054	0.0127	3.09	14.89	6.32	0.00	-0.30	-2.11	0.0
47501	48.4	-414.3	-1753.4	-154.2	-208.3	-588.6	0.0253	0.0057	0.0127	3.78	16.81	7.54	0.00	-0.31	-2.10	0.0
47502	47.0	-390.5	-1717.8	-182.2	-242.8	-574.7	0.0245	0.0061	0.0127	4.64	18.68	8.96	0.00	-0.31	-2.09	0.0
47503	47.0	-364.2	-1678.1	-208.0	-274.0	-560.9	0.0236	0.0066	0.0127	5.73	20.53	10.62	0.00	-0.33	-2.07	0.0
47504	49.6	-335.9	-1633.9	-231.7	-302.0	-547.5	0.0225	0.0071	0.0127	7.11	22.41	12.57	0.00	-0.34	-2.06	0.0
47505	56.5	-306.0	-1584.4	-253.6	-326.8	-534.9	0.0213	0.0077	0.0127	8.88	24.41	14.85	0.00	-0.35	-2.05	0.0
47506	69.4	-275.2	-1528.6	-274.2	-349.0	-523.6	0.0200	0.0084	0.0127	11.19	26.64	17.57	0.00	-0.37	-2.04	0.0
47507	90.3	-244.1	-1464.2	-294.8	-369.6	-514.4	0.0186	0.0091	0.0127	14.26	29.26	20.87	0.00	-0.39	-2.03	0.0
47508	443.4	-71.2	-891.7	-371.5	-306.5	-419.2	0.0558	0.0130	0.0244	11.51	49.54	26.30	0.00	-0.62	-1.83	0.0
47509	352.3	-92.2	-984.1	-386.0	-364.4	-431.4	0.0570	0.0124	0.0244	10.23	47.16	23.88	0.00	-0.59	-1.89	0.0
47510	285.3	-120.8	-1104.6	-381.3	-398.8	-456.5	0.0579	0.0117	0.0127	9.04	44.59	41.20	0.00	-0.55	-1.96	0.0
47516	226.4	-72.0	-1253.3	-270.5	-278.2	-292.6	0.0138	0.0116	0.0244	28.36	33.67	16.04	0.00	-0.49	-1.78	0.0
47517	120.6	-213.5	-1392.4	-316.0	-388.4	-505.3	0.0172	0.0097	0.0127	18.31	32.36	24.82	0.00	-0.41	-2.02	0.0
47520	161.7	-182.5	-1310.8	-336.4	-399.2	-494.1	0.0159	0.0104	0.0127	23.50	35.82	29.37	0.00	-0.45	-2.01	0.0
47523	216.8	-152.6	-1212.3	-359.4	-405.3	-483.4	0.0145	0.0111	0.0127	30.50	40.01	34.91	0.00	-0.49	-1.99	0.0
47525	198.1	-84.0	-1323.4	-267.4	-286.0	-297.4	0.0143	0.0112	0.0127	25.50	32.60	28.74	0.00	-0.48	-1.83	0.0
47534	173.1	44.1	-1287.2	-143.7	-251.8	-221.9	0.0143	0.0114	0.0244	19.12	23.89	11.16	0.00	-0.24	-1.64	0.0
47603	186.3	53.7	-1217.3	-148.6	-262.5	-247.7	0.0138	0.0116	0.0244	20.92	24.84	11.83	0.00	-0.24	-1.61	0.0
47612	186.8	49.2	-1274.3	-149.9	-268.8	-252.5	0.0143	0.0112	0.0127	20.23	25.87	22.80	0.00	-0.24	-1.67	0.0
47621	205.6	129.1	-1254.0	-92.4	-251.6	-230.3	0.0143	0.0114	0.0244	19.20	23.99	11.21	0.00	-0.13	-1.61	0.0
47690	205.6	138.8	-1172.2	-97.5	-263.9	-255.6	0.0138	0.0116	0.0244	20.29	24.09	11.48	0.00	-0.12	-1.55	0.0
47699	197.3	137.0	-1216.1	-97.7	-271.4	-262.0	0.0143	0.0112	0.0127	19.14	24.47	21.57	0.00	-0.11	-1.59	0.0
47708	243.8	180.9	-1221.8	-104.9	-246.2	-241.3	0.0143	0.0114	0.0244	22.75	28.42	13.29	0.00	-0.14	-1.63	0.0
47777	240.9	185.3	-1146.4	-113.2	-253.9	-263.3	0.0138	0.0116	0.0244	23.96	28.45	13.55	0.00	-0.14	-1.58	0.0
47786	230.2	183.4	-1179.7	-112.4	-260.6	-268.2	0.0143	0.0112	0.0127	22.54	28.82	25.40	0.00	-0.13	-1.60	0.0
47795	255.3	213.9	-1198.6	-124.1	-240.3	-246.6	0.0143	0.0114	0.0244	25.29	31.60	14.77	0.00	-0.17	-1.64	0.0
47864	254.5	213.8	-1134.9	-131.5	-248.5	-267.7	0.0138	0.0116	0.0244	26.58	31.56	15.03	0.00	-0.17	-1.60	0.0
47873	241.8	210.1	-1160.5	-130.4	-251.6	-270.4	0.0143	0.0112	0.0127	24.95	31.90	28.12	0.00	-0.16	-1.62	0.0
47882	-139.0	-133.5	-1873.1	176.0	367.2	-330.0	0.0143	0.0114	0.0127	2.81	3.53	3.17	0.00	-0.21	-2.06	0.0
47933	44.2	-475.0	-1857.1	-23.8	-51.4	-635.2	0.0266	0.0051	0.0127	1.72	9.02	3.60	0.00	-0.27	-2.15	0.0
47934	36.7	-479.1	-1873.3	39.6	28.5	-641.4	0.0264	0.0052	0.0127	1.52	7.74	3.15	0.00	-0.27	-2.16	0.0
47935	25.1	-478.6	-1885.8	74.3	79.0	-645.3	0.0259	0.0054	0.0127	1.39	6.69	2.84	0.00	-0.27	-2.18	0.0
47936	9.4	-473.5	-1894.7	108.3	130.2	-646.9	0.0253	0.0057	0.0127	1.29	5.72	2.56	0.00	-0.27	-2.19	0.0
47937	-10.8	-463.9	-1899.8	140.7	181.7	-646.3	0.0245	0.0061	0.0127	1.20	4.83	2.31	0.00	-0.26	-2.20	0.0
47938	-35.1	-450.0	-1901.0	171.2	232.9	-643.4	0.0236	0.0066	0.0127	1.12	4.02	2.08	0.00	-0.26	-2.21	0.0
47939	-63.4	-432.4	-1898.0	199.1	284.0	-638.5	0.0225	0.0071	0.0127	1.05	3.31	1.85	0.00	-0.25	-2.21	0.0
47940	-95.1	-411.7	-1890.5	224.1	334.9	-631.7	0.0213	0.0077	0.0127	0.99	2.72	1.65	0.00	-0.24	-2.22	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
47941	-129.7	-388.2	-1878.2	246.0	386.0	-622.7	0.0200	0.0084	0.0127	0.95	2.27	1.49	0.00	-0.23	-2.22	0.0
47942	-166.9	-363.1	-1860.1	264.9	438.7	-612.4	0.0186	0.0091	0.0127	0.95	1.94	1.38	0.00	-0.22	-2.22	0.0
47943	-349.0	-182.2	-1717.0	257.8	626.1	-399.1	0.0112	0.0130	0.0127	0.75	0.64	0.66	0.00	-0.19	-2.08	0.0
47944	-331.4	-213.2	-1738.9	276.4	627.2	-450.0	0.0124	0.0124	0.0127	1.07	1.07	1.04	0.00	-0.19	-2.13	0.0
47945	-310.1	-247.1	-1757.2	291.0	622.1	-503.8	0.0132	0.0117	0.0127	1.24	1.40	1.29	0.00	-0.19	-2.18	0.0
47951	-180.3	-156.1	-1874.6	192.9	395.4	-345.2	0.0138	0.0116	0.0127	1.83	2.18	2.00	0.00	-0.22	-2.06	0.0
47952	-204.8	-337.3	-1838.4	280.3	492.8	-600.6	0.0172	0.0097	0.0127	1.00	1.77	1.36	0.00	-0.21	-2.22	0.0
47955	-241.6	-309.1	-1813.1	289.7	539.6	-580.8	0.0159	0.0104	0.0127	1.05	1.60	1.31	0.00	-0.20	-2.22	0.0
47958	-278.3	-280.8	-1782.0	295.3	585.9	-556.8	0.0146	0.0111	0.0127	1.13	1.49	1.30	0.00	-0.19	-2.20	0.0
47960	-166.6	-169.4	-1891.2	195.7	387.0	-357.8	0.0144	0.0112	0.0127	1.96	2.52	2.22	0.00	-0.23	-2.08	0.0
47969	22.1	15.1	-1787.3	99.3	300.2	-291.7	0.0143	0.0114	0.0127	8.24	10.37	9.29	0.00	-0.10	-2.00	0.0
48038	24.0	20.7	-1751.3	96.8	337.4	-313.5	0.0139	0.0116	0.0127	8.63	10.30	9.42	0.00	-0.08	-1.99	0.0
48047	33.7	15.2	-1764.2	97.4	329.2	-324.9	0.0144	0.0112	0.0127	8.56	11.02	9.69	0.00	-0.08	-2.01	0.0
48056	127.2	132.8	-1678.0	64.9	300.6	-309.0	0.0143	0.0114	0.0127	13.65	17.17	15.39	0.00	-0.03	-1.97	0.0
48125	129.7	139.2	-1612.5	66.0	340.6	-331.7	0.0139	0.0116	0.0127	14.54	17.35	15.87	0.00	-0.01	-1.94	0.0
48134	137.6	137.4	-1622.1	66.7	330.5	-344.7	0.0144	0.0112	0.0127	14.25	18.35	16.13	0.00	-0.01	-1.95	0.0
48143	181.0	206.4	-1566.5	70.1	298.0	-321.2	0.0143	0.0114	0.0127	18.88	23.74	21.28	0.00	-0.05	-1.94	0.0
48212	174.1	208.5	-1500.8	74.9	327.0	-335.4	0.0139	0.0116	0.0127	19.90	23.75	21.71	0.00	-0.04	-1.90	0.0
48221	182.0	206.4	-1508.0	76.5	316.4	-347.2	0.0144	0.0112	0.0127	19.42	25.00	21.98	0.00	-0.04	-1.91	0.0
48230	217.9	250.8	-1471.8	89.6	290.4	-322.0	0.0143	0.0114	0.0127	23.04	28.98	25.97	0.00	-0.08	-1.91	0.0
48299	206.8	250.4	-1417.1	93.7	312.4	-331.1	0.0139	0.0116	0.0127	23.83	28.45	26.01	0.00	-0.08	-1.87	0.0
48308	214.7	246.8	-1422.5	96.1	301.2	-341.3	0.0144	0.0112	0.0127	23.22	29.90	26.28	0.00	-0.08	-1.88	0.0
48565	1401.9	461.6	-155.3	-284.1	239.7	303.5	0.0419	0.0518	0.0244	35.71	28.85	61.20	0.00	-0.94	-1.84	0.0
48570	1404.7	451.4	-119.3	-126.1	-470.1	114.5	0.0418	0.0519	0.0244	37.30	30.05	63.80	0.00	-1.12	-1.82	0.0
48575	1406.5	449.5	-115.7	190.8	-469.1	-105.1	0.0418	0.0519	0.0244	37.79	30.44	64.63	0.00	-1.17	-1.83	0.0
48580	1402.6	457.3	-145.2	348.4	245.6	-296.3	0.0419	0.0518	0.0244	36.52	29.51	62.60	0.00	-1.00	-1.87	0.0
48585	1589.2	495.8	-209.2	-266.3	401.4	218.9	0.0419	0.0518	0.0244	40.91	33.06	70.13	0.00	-1.17	-2.09	0.0
48590	1592.5	497.3	-186.9	-178.3	180.1	176.0	0.0418	0.0519	0.0244	39.08	31.48	66.84	0.00	-1.11	-1.89	0.0
48595	1591.3	495.4	-183.5	253.6	180.2	-206.5	0.0418	0.0519	0.0244	39.64	31.93	67.80	0.00	-1.14	-1.93	0.0
48600	1586.6	491.1	-199.3	338.4	401.3	-248.3	0.0419	0.0518	0.0244	41.48	33.52	71.10	0.00	-1.20	-2.14	0.0
48609	2.3	290.9	-760.8	20.8	70.2	-128.3	0.0061	0.0161	0.0127	49.96	19.06	24.14	0.00	-0.30	-1.09	0.0
48614	1.2	289.2	-753.1	7.4	67.8	-125.5	0.0061	0.0161	0.0127	50.26	18.84	23.93	0.00	-0.30	-1.08	0.0
48619	1.3	287.6	-746.2	-8.9	67.7	-121.9	0.0061	0.0161	0.0127	50.04	18.76	23.82	0.00	-0.30	-1.07	0.0
48624	2.5	286.4	-740.0	-22.1	69.6	118.6	0.0061	0.0161	0.0127	48.94	18.67	23.65	0.00	-0.29	-1.06	0.0
48629	4.6	292.4	-873.1	21.4	60.2	-142.3	0.0061	0.0161	0.0127	50.50	19.27	24.41	0.00	-0.30	-1.20	0.0
48634	3.5	290.2	-865.1	8.0	57.3	-141.3	0.0061	0.0161	0.0127	50.79	19.04	24.18	0.00	-0.30	-1.19	0.0
48639	3.6	288.8	-857.3	-9.3	57.1	-138.6	0.0061	0.0161	0.0127	50.60	18.97	24.09	0.00	-0.30	-1.18	0.0
48644	4.7	288.0	-849.9	-22.4	59.9	-134.0	0.0061	0.0161	0.0127	49.90	19.04	24.11	0.00	-0.30	-1.18	0.0
48713	3.9	284.7	-736.1	-32.3	72.1	120.0	0.0063	0.0160	0.0127	47.90	18.75	23.65	0.00	-0.29	-1.06	0.0
48718	5.7	283.6	-733.8	-39.6	74.3	121.2	0.0064	0.0160	0.0127	47.05	18.86	23.70	0.00	-0.29	-1.06	0.0
48723	6.4	286.8	-845.0	-32.6	63.2	133.3	0.0063	0.0160	0.0127	48.51	18.99	23.95	0.00	-0.30	-1.17	0.0
48728	8.2	285.4	-842.5	-39.9	65.9	134.0	0.0064	0.0160	0.0127	47.58	19.07	23.96	0.00	-0.29	-1.17	0.0
48801	1435.8	438.9	-184.5	216.9	472.8	-101.5	0.0420	0.0518	0.0244	37.91	30.77	65.19	0.00	-1.15	-1.94	0.0
48802	1457.2	438.1	-187.5	-190.3	467.7	329.8	0.0421	0.0517	0.0244	37.73	30.75	65.07	0.00	-1.01	-2.05	0.0
48811	1576.9	494.4	-217.1	269.0	580.2	-155.7	0.0420	0.0518	0.0244	42.47	34.46	73.02	0.00	-1.27	-2.23	0.0
48812	1572.4	486.9	-220.0	208.4	580.6	299.5	0.0421	0.0517	0.0244	42.87	34.94	73.93	0.00	-1.32	-2.26	0.0
48945	8.9	281.9	-731.4	-50.2	77.3	123.8	0.0066	0.0159	0.0127	45.64	19.09	23.81	0.00	-0.29	-1.06	0.0
48950	13.8	278.4	-729.4	-63.5	81.1	126.2	0.0070	0.0157	0.0127	43.36	19.41	23.92	0.00	-0.29	-1.06	0.0
48955	20.2	273.9	-728.5	-76.5	84.8	127.9	0.0075	0.0154	0.0127	40.85	19.79	24.03	0.00	-0.29	-1.06	0.0
48960	27.7	267.9	-728.8	-89.0	88.1	129.0	0.0080	0.0152	0.0127	38.17	20.22	24.11	0.00	-0.29	-1.06	0.0
48965	11.1	283.9	-840.3	-50.6	69.7	136.2	0.0066	0.0159	0.0127	46.19	19.32	24.10	0.00	-0.29	-1.17	0.0
48970	16.0	280.9	-838.8	-64.0	74.7	137.8	0.0070	0.0157	0.0127	43.95	19.67	24.24	0.00	-0.29	-1.17	0.0
48975	22.4	277.4	-838.1	-77.2	79.3	138.0	0.0075	0.0154	0.0127	41.49	20.10	24.41	0.00	-0.29	-1.17	0.0
48980	29.9	272.1	-838.4	-90.0	83.3	136.8	0.0080	0.0152	0.0127	38.82	20.56	24.52	0.00	-0.29	-1.18	0.0
49109	1430.4	449.0	-159.2	-340.6	234.7	540.0	0.0424	0.0516	0.0244	36.34	29.84	63.01	0.00	-0.81	-2.09	0.0
49114	1415.5	422.3	-154.9	202.4	-438.4	382.3	0.0428	0.0514	0.0244	36.00	29.94	62.99	0.00	-0.93	-2.01	0.0
49119	1414.7	419.0	-191.1	228.3	-415.7	232.9	0.0432	0.0512	0.0244	35.67	30.13	63.08	0.00	-1.05	-1.93	0.0
49124	1427.7	459.2	-264.8	286.4	246.0	-77.3	0.0438	0.0509	0.0244	35.01	30.11	62.71	0.00	-1.12	-1.85	0.0
49129	1574.2	462.9	-217.3	198.2	416.2	465.0	0.0424	0.0516	0.0244	41.03	33.70	71.14	0.00	-1.16	-2.23	0.0
49134	1569.8	444.8	-229.6	248.9	236.8	409.9	0.0428	0.0514	0.0244	39.24	32.64	68.65	0.00	-1.14	-2.11	0.0
49139	1562.6	441.7	-270.5	363.5	294.9	258.0	0.0432	0.0512	0.0244	40.12	33.88	70.96	0.00	-1.36	-2.10	0.0
49144	1574.7	479.3	-340.4	409.6	597.5	198.8	0.0438	0.0509	0.0244	43.15	37.11	77.29	0.00	-1.55	-2.41	0.0
49213	34.4	261.6	-730.0	-97.7	90.5	128.6	0.0085	0.0149	0.0127	35.94	20.52	24.07	0.00	-0.29	-1.07	0.0
49214	41.1	256.9	-731.4	-103.8	91.8	128.4	0.0089	0.0147	0.0127	34.41	20.79	24.08	0.00	-0.28	-1.07	0.0
49223	36.8	266.2	-839.8	-98.8	86.2	134.5	0.0085	0.0149	0.0127	36.56	20.88	24.49	0.00	-0.29	-1.18	0.0
49224	43.3	260.6	-842.0	-104.7	88.1	133.5	0.0089	0.0147	0.0127	34.90	21.09	24.42	0.00	-0.29	-1.18	0.0
49297	1540.5	521.4	-332.0	261.2	689.2	238.1	0.0443	0.0507	0.0244	41.71	36.44	75.53	0.00	-1.38	-2.42	0.0
49302	1546.3	597.9	-364.1	447.6	875.1	699.4	0.0446	0.0505	0.0244	48.96	43.31	89.43	0.00	-1.71	-3.07	0.0
49307	1619.5	563.3	-397.7	324.9	894.9	392.6	0.0443	0.0507	0.0244	47.22	41.26	85.52	0.00	-1.61	-2.88	0.0
49312	1481.8	621.0	-446.7	-635.3	961.5	837.1	0.0446	0.0505	0.0244	43.76	38.71	79.94	0.00	-0.88	-3.32	0.0
49381	292.4	0.8	-597.9	-11.5	-60.2	47.2	0.0266	0.0057	0.0127	11.18	52.27	23.39	0.00	-0.29	-0.90	0.0
49382	294.1	4.1	-613.5	-33.8	-55.0	51.8	0.0263	0.0058	0.0127	11.46	52.07	23.76	0.00	-0.30	-0.92	0.0
49383	291.8	10.7	-632.0	-55.7	-55.9	58.0	0.0259	0.0060	0.0127	11.85	50.97	24.16	0.00	-0.30	-0.95	0.0
49384	284.5	20.4	-648.4	-76.5	-59.3	65.3	0.0252	0.0064	0.0127	12.32	48.92	24.46	0.00	-0.31	-0.97	0.0
49385	272.9	33.1	-662.2	-95.6	-62.3	73.2	0.0244	0.0068	0.0127	12.86	46.22	24.67	0.00	-0.31	-0.99	0.0
49386	257.7	48.7	-674.7	-112.5	-64.0	81.6	0.0233	0.0073	0.0127	13.50	43.18	24.80	0.00	-0.31	-1.00	0.0
49387	239.4	66.3	-686.7	-126.6	64.2	90.2	0.0222	0.0079	0.0127	13.83	38.81	24.12	0.00	-0.29	-1.01	0.0
49388	218.8	85.6	-698.3	-137.5	73.3	98.8	0.0208	0.0086	0.0127	14.64	35.64	24.00	0.00	-0.28	-1.02	0.0
49389	196.7	105.7	-709.0	-144.9	80.8	106.9	0.0194	0.0093	0.0127	15.62	32.69	23.85	0.00	-0.28	-1.04	0.0
49390	174.1	126.3	-718.2	-149.2	86.4	114.1	0.0179	0.0100	0.0127	16.83	30.08	23.71	0.00	-0.27	-1.05	0.0
49391	151.9	147.2	-725.8	-150.7	90.3	120.0	0.0164	0.0108	0.0127	18.36	27.87	23.66	0.00	-0.27	-1.06	0.0
49392	130.3	168.6	-731.7	-149.7	93.1	124.8	0.0148	0.0116	0.0127	20.32	26.08	23.72	0.00	-0.27	-1.06	0.0
49393	109.2	190.0	-736.3	-145.9	95.2	128.7	0.0133	0.0123	0.0127	22.75	24.61	23.85	0.00	-0.27	-1.07	0.0
49394	88.8	210.7	-738.9	-138.9	96.3	131.8	0.0119	0.0130	0.0127	25.68	23.38	23.99	0.00	-0.28	-1.08	0.0
49395	69.2	229.9	-738.2	-128.5	95.8	133.0	0.0109	0.0137	0.0127	28.10	22.31	24.09	0.00	-0.28	-1.08	0.0
49396	52.2	247.3	-734.4	-115.5	94.0	132.0	0.0097	0.0143	0.0127	31.85	21.45	24.20	0.00	-0.28	-1.07	0.0
49461	274.5	3.1	-675.0	-11.4	-66.0	36.8	0.0266	0.0057	0.0127	10.53	49.20	22.01	0.00	-0.28	-0.96	0.0
49462	278.3	6.5	-697.7	-32.5	-58.5	42.3	0.0263	0.0058	0.0127	10.86	49.34	22.52	0.00	-0.28	-0.99	0.0
49463	277.3	12.6	-722.7	-53.0	-59.7	49.4	0.0259	0.0060	0.0127	11.28	48.49	22.98	0.00	-0.29	-1.02	0.0
49464	270.8	21.5	-741.8	-72.5	-63.5	57.2	0.0252	0.0064	0.0127	11.73	46.58	23.29	0.00	-0.29	-1.05	0.0
49465	260.0	33.6	-756.4	-90.7	-66.5	65.2	0.0244	0.0068	0.0127	12.25	44.03	23.50	0.00	-0.29	-1.06	0.0
49466	246.4	48.5	-769.9	-107.0	-67.9	73.6	0.0233	0.0073	0.0127	12.90	41.24	23.69	0.00	-0.30	-1.08	0.0
49467	230.0	65.6	-783.2	-120.9	69.6	82.3	0.0222	0.0079	0.0127	13.29	37.29	23.17	0.00	-0.28	-1.09	0.0
49468	211.3	84.3	-796.4	-131.9	77.5	91.2	0.0208	0.0086	0.0127	14.13	34.40	23.17	0.00	-0.28	-1.11	0.0
49469	191.1	104.1	-809.1	-139.7	83.6	99.7	0.0194	0.0093	0.0127	15.15	31.70	23.13	0.00	-0.27	-1.12	0.0
49470	170.4	124.5	-820.7	-144.6	87.9	107.5	0.0179	0.0100	0.0127	16.41	29.33	23.12	0.00	-0.27	-1.14	0.0
49471	150.1	145.4	-830.8	-147.1	90.6	114.2	0.0164	0.0108	0.0127	18.02	27.36	23.22	0.00	-0.27	-1.15	0.0
49472	130.1	167.4	-839.6	-147.4	92.4	120.1	0.0148	0.0116	0.0127	20.10	25.80	23.46	0.00	-0.27	-1.16	0.0
49473	110.4	190.1	-847.3	-145.0	93.9	126.0	0.0133	0.0123	0.0127	22.70	24.56	23.79	0.00	-0.28	-1.18	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
49474	90.8	212.1	-852.9	-139.1	94.9	131.8	0.0119	0.0130	0.0127	25.81	23.49	24.11	0.00	-0.28	-1.19	0.0
49475	71.5	232.2	-853.0	-129.4	94.0	135.6	0.0109	0.0137	0.0127	28.36	22.52	24.31	0.00	-0.29	-1.19	0.0
49476	54.5	250.6	-847.2	-116.6	91.1	136.2	0.0097	0.0143	0.0127	32.26	21.73	24.51	0.00	-0.29	-1.19	0.0
49541	785.5	654.7	-466.8	-589.9	620.3	969.1	0.0454	0.0501	0.0244	29.90	27.10	55.54	0.00	-0.39	-2.71	0.0
49542	64.2	312.6	-604.7	175.3	367.1	675.2	0.0466	0.0495	0.0244	17.55	16.54	33.49	0.00	-0.84	-1.84	0.0
49543	107.9	214.5	-605.7	142.7	340.3	532.4	0.0476	0.0488	0.0127	13.34	13.02	49.97	0.00	-0.63	-1.56	0.0
49544	98.3	170.3	-600.4	130.6	294.3	423.0	0.0491	0.0481	0.0127	10.37	10.59	40.04	0.00	-0.51	-1.35	0.0
49545	110.1	142.4	-594.0	125.1	250.4	326.5	0.0506	0.0116	0.0127	8.28	36.25	32.97	0.00	-0.42	-1.18	0.0
49546	124.7	122.0	-591.9	123.6	205.8	248.6	0.0521	0.0108	0.0127	6.83	33.01	28.02	0.00	-0.36	-1.06	0.0
49547	143.1	104.7	-592.5	122.7	165.8	189.0	0.0179	0.0100	0.0127	17.67	31.58	24.90	0.00	-0.32	-0.98	0.0
49548	163.4	88.4	-594.3	120.5	131.2	144.7	0.0194	0.0093	0.0127	15.13	31.67	23.10	0.00	-0.29	-0.93	0.0
49549	184.5	72.6	-596.3	116.1	101.5	112.0	0.0208	0.0086	0.0127	13.52	32.92	22.17	0.00	-0.28	-0.90	0.0
49550	205.6	57.2	-598.2	108.9	-97.2	88.0	0.0222	0.0079	0.0127	11.99	33.63	20.90	0.00	-0.24	-0.89	0.0
49551	225.7	42.7	-599.9	98.7	-99.0	70.8	0.0233	0.0073	0.0127	11.71	37.45	21.52	0.00	-0.26	-0.90	0.0
49552	244.2	29.7	-601.3	85.7	-98.4	58.8	0.0244	0.0068	0.0127	11.51	41.36	22.07	0.00	-0.27	-0.90	0.0
49553	260.5	18.6	-601.4	70.1	-95.8	50.9	0.0252	0.0064	0.0127	11.35	45.11	22.55	0.00	-0.28	-0.90	0.0
49554	273.6	9.9	-598.8	52.2	-91.2	46.1	0.0259	0.0060	0.0127	11.24	48.32	22.90	0.00	-0.28	-0.90	0.0
49555	282.8	3.8	-593.8	32.4	-83.2	44.2	0.0263	0.0058	0.0127	11.14	50.59	23.09	0.00	-0.29	-0.90	0.0
49556	288.6	0.7	-591.4	11.2	-71.5	44.6	0.0266	0.0057	0.0127	11.08	51.80	23.18	0.00	-0.29	-0.90	0.0
49621	705.4	609.7	-569.9	-682.8	651.4	909.3	0.0454	0.0501	0.0244	29.99	27.19	55.73	0.00	-0.53	-2.81	0.0
49622	62.3	295.5	-696.3	164.6	342.2	615.8	0.0466	0.0495	0.0244	15.63	14.73	29.82	0.00	-0.75	-1.77	0.0
49623	105.6	206.4	-696.2	137.4	321.4	505.7	0.0476	0.0488	0.0127	12.24	11.95	45.86	0.00	-0.57	-1.56	0.0
49624	96.3	164.5	-692.8	125.0	284.6	404.0	0.0491	0.0481	0.0127	9.58	9.78	36.97	0.00	-0.47	-1.37	0.0
49625	106.8	137.6	-687.1	119.3	245.2	314.2	0.0506	0.0116	0.0127	7.70	33.71	30.66	0.00	-0.39	-1.22	0.0
49626	119.9	117.8	-684.6	117.4	204.9	240.8	0.0521	0.0108	0.0127	6.41	30.95	26.27	0.00	-0.33	-1.12	0.0
49627	136.8	100.9	-684.3	116.0	168.4	184.0	0.0179	0.0100	0.0127	16.68	29.81	23.51	0.00	-0.30	-1.05	0.0
49628	155.4	85.2	-685.0	113.5	136.7	141.1	0.0194	0.0093	0.0127	14.34	30.01	21.89	0.00	-0.28	-1.00	0.0
49629	174.7	69.9	-686.1	109.0	109.4	109.0	0.0208	0.0086	0.0127	12.82	31.21	21.02	0.00	-0.26	-0.98	0.0
49630	193.8	55.3	-687.3	101.8	-101.4	85.1	0.0222	0.0079	0.0127	11.31	31.72	19.71	0.00	-0.23	-0.96	0.0
49631	212.1	41.6	-688.8	92.1	-103.1	67.6	0.0233	0.0073	0.0127	11.02	35.25	20.25	0.00	-0.24	-0.97	0.0
49632	229.1	29.4	-690.2	79.8	-102.5	55.0	0.0244	0.0068	0.0127	10.82	38.89	20.75	0.00	-0.25	-0.97	0.0
49633	244.7	19.1	-690.6	65.4	-100.8	46.2	0.0252	0.0064	0.0127	10.70	42.49	21.25	0.00	-0.26	-0.98	0.0
49634	257.5	11.3	-686.6	49.1	-98.6	40.0	0.0259	0.0060	0.0127	10.63	45.70	21.66	0.00	-0.27	-0.97	0.0
49635	265.8	5.8	-676.4	31.0	-93.4	36.2	0.0263	0.0058	0.0127	10.54	47.89	21.86	0.00	-0.27	-0.97	0.0
49636	270.3	2.9	-668.0	11.0	-81.2	34.8	0.0266	0.0057	0.0127	10.44	48.81	21.84	0.00	-0.27	-0.95	0.0
49701	5.4	292.0	-772.8	39.2	75.3	-130.9	0.0064	0.0160	0.0127	48.56	19.47	24.46	0.00	-0.30	-1.11	0.0
49702	3.7	291.5	-767.5	31.5	73.0	-129.6	0.0063	0.0160	0.0127	49.22	19.27	24.30	0.00	-0.30	-1.10	0.0
49711	8.0	293.4	-886.0	39.6	66.6	-142.8	0.0064	0.0160	0.0127	49.00	19.65	24.68	0.00	-0.30	-1.22	0.0
49712	6.3	293.3	-880.1	31.9	63.7	-142.1	0.0063	0.0160	0.0127	49.75	19.48	24.56	0.00	-0.30	-1.21	0.0
49789	1433.2	441.7	-199.8	-162.5	464.2	109.0	0.0420	0.0518	0.0244	37.39	30.34	64.28	0.00	-1.12	-1.92	0.0
49794	1443.5	440.6	-208.7	239.9	462.5	-320.2	0.0421	0.0517	0.0244	37.62	30.66	64.88	0.00	-1.02	-2.07	0.0
49799	1579.7	501.5	-233.0	-201.0	580.9	-151.6	0.0420	0.0518	0.0244	42.67	34.63	73.37	0.00	-1.33	-2.21	0.0
49804	1574.7	496.5	-242.2	-143.6	582.6	-323.7	0.0421	0.0517	0.0244	42.40	34.56	73.13	0.00	-1.26	-2.28	0.0
49933	8.7	292.5	-781.1	50.5	78.6	-133.6	0.0066	0.0159	0.0127	47.41	19.83	24.73	0.00	-0.30	-1.12	0.0
49938	13.8	291.7	-793.2	64.9	82.9	-136.0	0.0070	0.0157	0.0127	45.42	20.33	25.05	0.00	-0.30	-1.14	0.0
49943	20.6	289.7	-806.1	79.2	87.0	-137.9	0.0075	0.0154	0.0127	43.13	20.90	25.37	0.00	-0.31	-1.16	0.0
49948	28.7	285.9	-820.1	93.3	90.7	-139.1	0.0080	0.0152	0.0127	40.62	21.52	25.66	0.00	-0.31	-1.18	0.0
49953	11.0	294.0	-895.9	51.0	70.6	-145.1	0.0066	0.0159	0.0127	47.87	20.02	24.97	0.00	-0.31	-1.24	0.0
49958	16.1	293.6	-910.0	65.4	75.8	-146.7	0.0070	0.0157	0.0127	45.89	20.54	25.31	0.00	-0.31	-1.26	0.0
49963	22.9	292.5	-924.8	80.0	80.7	-146.9	0.0075	0.0154	0.0127	43.65	21.15	25.68	0.00	-0.31	-1.28	0.0
49968	31.0	289.3	-940.3	94.2	85.0	-145.8	0.0080	0.0152	0.0127	41.15	21.80	25.99	0.00	-0.31	-1.30	0.0
50105	1407.5	453.1	-192.3	389.3	231.6	-529.3	0.0424	0.0516	0.0244	36.51	29.99	63.32	0.00	-0.86	-2.12	0.0
50110	1385.8	427.9	-201.8	202.2	-442.2	-375.1	0.0428	0.0514	0.0244	36.89	30.68	64.54	0.00	-1.11	-2.01	0.0
50115	1379.3	423.7	-246.8	-190.4	-422.8	-232.9	0.0432	0.0512	0.0244	34.68	29.29	61.34	0.00	-1.00	-1.94	0.0
50120	1393.9	457.3	-322.9	-253.6	226.8	-77.4	0.0438	0.0509	0.0244	34.03	29.27	60.96	0.00	-1.10	-1.84	0.0
50125	1574.3	475.9	-248.9	167.2	420.8	-487.6	0.0424	0.0516	0.0244	39.41	32.37	68.34	0.00	-0.95	-2.26	0.0
50130	1567.2	459.7	-272.0	-192.3	243.6	-431.8	0.0428	0.0514	0.0244	38.68	32.17	67.67	0.00	-1.07	-2.14	0.0
50135	1558.6	453.1	-321.0	-312.6	300.5	-279.9	0.0432	0.0512	0.0244	39.48	33.35	69.83	0.00	-1.29	-2.14	0.0
50140	1566.9	479.0	-397.9	-370.4	599.0	-217.3	0.0438	0.0509	0.0244	42.50	36.55	76.13	0.00	-1.49	-2.44	0.0
50205	36.0	281.1	-831.9	103.4	93.4	-138.7	0.0085	0.0149	0.0127	38.48	21.97	25.78	0.00	-0.31	-1.19	0.0
50210	43.3	277.4	-840.9	110.4	94.8	-138.5	0.0089	0.0147	0.0127	37.01	22.36	25.90	0.00	-0.31	-1.20	0.0
50215	38.4	284.8	-953.6	104.3	88.1	-143.5	0.0085	0.0149	0.0127	38.99	22.26	26.12	0.00	-0.31	-1.31	0.0
50220	45.7	280.2	-964.2	111.2	90.1	-142.5	0.0089	0.0147	0.0127	37.38	22.58	26.16	0.00	-0.31	-1.32	0.0
50293	1504.8	507.9	-395.8	-242.0	658.8	-243.0	0.0443	0.0507	0.0244	40.30	35.21	72.99	0.00	-1.33	-2.41	0.0
50298	1502.8	579.5	-443.8	-434.0	846.2	-694.6	0.0446	0.0505	0.0244	47.30	41.84	86.40	0.00	-1.64	-3.05	0.0
50303	1602.9	549.7	-465.2	-300.9	893.5	-403.2	0.0443	0.0507	0.0244	46.46	40.59	84.14	0.00	-1.57	-2.91	0.0
50308	1453.1	601.2	-533.3	649.4	959.9	-842.1	0.0446	0.0505	0.0244	43.17	38.18	78.85	0.00	-0.89	-3.37	0.0
50373	55.6	269.5	-857.5	124.3	97.3	-142.5	0.0097	0.0143	0.0127	34.54	23.26	26.25	0.00	-0.31	-1.22	0.0
50374	74.9	253.8	-880.7	140.3	99.6	-143.8	0.0109	0.0137	0.0127	30.85	24.50	26.44	0.00	-0.31	-1.25	0.0
50375	97.6	235.5	-900.0	153.7	100.5	-142.9	0.0119	0.0130	0.0127	28.53	25.97	26.65	0.00	-0.31	-1.27	0.0
50376	121.7	214.9	-915.0	163.5	99.7	-140.2	0.0133	0.0123	0.0127	25.57	27.66	26.80	0.00	-0.31	-1.29	0.0
50377	147.0	192.7	-927.1	169.8	97.8	-136.7	0.0148	0.0116	0.0127	23.09	29.63	26.95	0.00	-0.32	-1.30	0.0
50378	173.4	169.9	-936.9	172.8	95.0	-132.5	0.0164	0.0108	0.0127	21.07	31.98	27.14	0.00	-0.32	-1.31	0.0
50379	200.7	146.8	-944.0	172.6	90.9	-127.3	0.0179	0.0100	0.0127	19.46	34.79	27.43	0.00	-0.32	-1.32	0.0
50380	228.5	123.7	-948.2	168.8	85.0	-120.9	0.0194	0.0093	0.0127	18.19	38.06	27.77	0.00	-0.33	-1.32	0.0
50381	255.9	100.7	-949.9	161.1	76.9	-113.7	0.0208	0.0086	0.0127	17.14	41.72	28.10	0.00	-0.34	-1.33	0.0
50382	281.5	78.4	-949.5	149.2	66.8	-106.0	0.0222	0.0079	0.0127	16.27	45.64	28.36	0.00	-0.34	-1.33	0.0
50383	304.2	57.7	-947.5	133.1	-62.3	-98.2	0.0233	0.0073	0.0127	15.83	50.61	29.07	0.00	-0.37	-1.33	0.0
50384	323.3	39.4	-944.2	113.4	-62.6	-90.8	0.0244	0.0068	0.0127	15.14	54.43	29.05	0.00	-0.37	-1.32	0.0
50385	338.2	24.1	-939.7	90.8	-62.4	-83.8	0.0252	0.0064	0.0127	14.57	57.87	28.93	0.00	-0.36	-1.32	0.0
50386	348.6	12.4	-934.0	66.0	-62.0	-77.4	0.0259	0.0060	0.0127	14.11	60.67	28.76	0.00	-0.36	-1.31	0.0
50387	354.4	4.5	-927.1	40.0	-62.3	-71.7	0.0263	0.0058	0.0127	13.77	62.54	28.54	0.00	-0.36	-1.30	0.0
50388	355.5	0.6	-919.9	13.6	-64.6	-67.1	0.0266	0.0057	0.0127	13.53	63.24	28.30	0.00	-0.36	-1.29	0.0
50453	58.0	272.0	-984.6	125.0	93.4	-145.5	0.0097	0.0143	0.0127	34.84	23.46	26.47	0.00	-0.32	-1.35	0.0
50454	77.2	255.2	-1012.2	140.6	96.6	-145.0	0.0109	0.0137	0.0127	31.00	24.62	26.57	0.00	-0.32	-1.38	0.0
50455	99.5	236.1	-1032.8	153.3	97.8	-141.4	0.0119	0.0130	0.0127	28.55	25.99	26.66	0.00	-0.32	-1.40	0.0
50456	122.7	214.1	-1046.9	161.9	97.1	-135.7	0.0133	0.0123	0.0127	25.42	27.49	26.64	0.00	-0.31	-1.41	0.0
50457	146.6	190.7	-1057.9	166.7	95.7	-130.1	0.0148	0.0116	0.0127	22.77	29.22	26.58	0.00	-0.31	-1.42	0.0
50458	171.1	167.4	-1066.6	168.3	93.9	-124.6	0.0164	0.0108	0.0127	20.64	31.32	26.59	0.00	-0.32	-1.43	0.0
50459	196.4	144.4	-1072.8	167.0	91.1	-118.3	0.0179	0.0100	0.0127	18.96	33.88	26.71	0.00	-0.32	-1.43	0.0
50460	222.1	121.6	-1076.3	162.7	86.5	-111.1	0.0194	0.0093	0.0127	17.63	36.90	26.92	0.00	-0.32	-1.44	0.0
50461	247.3	99.1	-1077.3	154.6	79.9	-103.2	0.0208	0.0086	0.0127	16.55	40.28	27.13	0.00	-0.33	-1.44	0.0
50462	270.8	77.5	-1076.4	142.6	71.3	-95.1	0.0222	0.0079	0.0127	15.65	43.89	27.28	0.00	-0.33	-1.44	0.0
50463	291.5	57.5	-1074.0	126.7	-67.0	-87.1	0.0233	0.0073	0.0127	15.14	48.42	27.82	0.00	-0.35	-1.44	0.0
50464	308.7	40.0	-1070.4	107.6	-67.4	-79.5	0.0244	0.0068	0.0127	14.44	51.92	27.71	0.00	-0.35	-1.43	0.0
50465	321.7	25.4	-1065.6	85.9	-67.6	-72.3	0.0252	0.0064	0.0127	13.86	55.06	27.53	0.00	-0.35	-1.42	0.0
50466	330.6	14.3	-1059.2	62.3	-68.1	-65.8	0.0259	0.0060	0.0127	13.39	57.59	27.30	0.00	-0.34	-1.41	0.0
50467	335.4	7.0	-1051.0	37.6	-69.5	-59.8	0.0263	0.0058	0.0127	13.05	59.28	27.05	0.00	-0.34	-1.40	0.0
50468	335.9	3.1	-1042.4	13.1	-72.4	-54.8	0.0266	0.0057	0.0127	12.81	59.87	26.79	0.00	-0.34	-1.39	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
50533	351.6	0.5	-913.4	-13.2	-70.8	-64.3	0.0266	0.0057	0.0127	13.39	62.58	28.00	0.00	-0.35	-1.28	0.0
50534	342.9	4.2	-907.4	-38.5	-79.8	-63.6	0.0263	0.0058	0.0127	13.34	60.59	27.65	0.00	-0.35	-1.27	0.0
50535	329.9	11.5	-900.7	-62.4	-89.1	-64.8	0.0259	0.0060	0.0127	13.37	57.49	27.25	0.00	-0.34	-1.26	0.0
50536	313.3	22.3	-892.7	-84.0	-96.8	-68.4	0.0252	0.0064	0.0127	13.49	53.59	26.79	0.00	-0.33	-1.25	0.0
50537	293.4	35.8	-883.4	-102.9	-102.3	-75.0	0.0244	0.0068	0.0127	13.69	49.21	26.26	0.00	-0.32	-1.23	0.0
50538	270.6	51.5	-872.9	-118.4	-105.0	-85.8	0.0233	0.0073	0.0127	13.95	44.61	25.63	0.00	-0.31	-1.22	0.0
50539	245.6	68.8	-861.2	-130.3	-104.5	-101.7	0.0222	0.0079	0.0127	14.28	40.07	24.90	0.00	-0.30	-1.20	0.0
50540	219.2	86.8	-848.2	-138.2	-100.8	-124.4	0.0208	0.0086	0.0127	14.72	35.82	24.12	0.00	-0.28	-1.18	0.0
50541	192.4	105.0	-833.9	-142.4	122.7	-155.9	0.0194	0.0093	0.0127	16.97	35.52	25.91	0.00	-0.33	-1.20	0.0
50542	166.5	123.1	-818.6	-143.4	157.1	-199.1	0.0179	0.0100	0.0127	19.18	34.28	27.03	0.00	-0.34	-1.22	0.0
50543	142.7	141.6	-803.3	-142.4	197.3	-257.6	0.0521	0.0108	0.0127	7.15	34.56	29.34	0.00	-0.37	-1.27	0.0
50544	123.2	162.3	-789.8	-141.1	242.2	-334.6	0.0506	0.0116	0.0127	8.40	36.76	33.43	0.00	-0.42	-1.36	0.0
50545	107.1	189.3	-779.7	-143.3	286.5	-430.1	0.0491	0.0481	0.0127	10.29	10.50	39.72	0.00	-0.51	-1.49	0.0
50546	112.3	231.1	-767.5	-151.6	332.5	-538.1	0.0476	0.0488	0.0127	13.07	12.75	48.95	0.00	-0.61	-1.68	0.0
50547	67.3	323.5	-746.3	-179.3	359.2	-677.8	0.0466	0.0495	0.0244	17.09	16.11	32.62	0.00	-0.82	-1.92	0.0
50548	763.3	646.6	-577.3	603.7	603.4	-963.3	0.0454	0.0501	0.0244	29.84	27.05	55.43	0.00	-0.46	-2.77	0.0
50613	331.6	2.9	-1035.4	-12.5	-78.1	-52.7	0.0266	0.0057	0.0127	12.66	59.15	26.47	0.00	-0.33	-1.38	0.0
50614	322.6	6.3	-1029.6	-36.0	-85.9	-53.3	0.0263	0.0058	0.0127	12.57	57.13	26.07	0.00	-0.33	-1.37	0.0
50615	310.0	13.0	-1023.0	-58.2	-93.7	-55.7	0.0259	0.0060	0.0127	12.59	54.13	25.66	0.00	-0.32	-1.36	0.0
50616	294.5	22.9	-1014.4	-78.4	-100.4	-60.4	0.0252	0.0064	0.0127	12.70	50.45	25.22	0.00	-0.31	-1.35	0.0
50617	276.2	35.5	-1004.3	-96.1	-105.3	-68.0	0.0244	0.0068	0.0127	12.90	46.36	24.74	0.00	-0.30	-1.33	0.0
50618	255.2	50.3	-993.0	-110.8	-107.7	-79.5	0.0233	0.0073	0.0127	13.16	42.08	24.17	0.00	-0.29	-1.32	0.0
50619	232.2	66.5	-980.7	-122.1	-107.2	-96.0	0.0222	0.0079	0.0127	13.49	37.85	23.52	0.00	-0.28	-1.30	0.0
50620	207.9	83.6	-967.2	-129.8	-103.5	-118.9	0.0208	0.0086	0.0127	13.93	33.90	22.83	0.00	-0.26	-1.28	0.0
50621	183.1	101.0	-952.4	-134.1	129.9	-150.1	0.0194	0.0093	0.0127	16.08	33.66	24.56	0.00	-0.31	-1.30	0.0
50622	159.1	118.4	-936.6	-135.4	161.5	-192.0	0.0179	0.0100	0.0127	18.12	32.38	25.53	0.00	-0.32	-1.31	0.0
50623	137.1	136.1	-920.6	-134.7	198.2	-248.0	0.0521	0.0108	0.0127	6.71	32.43	27.53	0.00	-0.35	-1.35	0.0
50624	119.2	156.0	-905.6	-134.0	238.8	-320.7	0.0506	0.0116	0.0127	7.81	34.20	31.10	0.00	-0.39	-1.42	0.0
50625	104.4	181.7	-892.8	-136.5	278.6	-409.8	0.0491	0.0481	0.0127	9.49	9.68	36.62	0.00	-0.46	-1.54	0.0
50626	109.7	220.9	-876.0	-145.0	315.7	-510.6	0.0476	0.0488	0.0127	11.96	11.67	44.81	0.00	-0.56	-1.69	0.0
50627	64.4	304.0	-853.6	-167.2	336.0	-618.9	0.0466	0.0495	0.0244	15.17	14.30	28.95	0.00	-0.73	-1.88	0.0
50628	688.4	601.2	-692.4	695.7	647.3	-911.8	0.0454	0.0501	0.0244	29.99	27.18	55.71	0.00	-0.60	-2.89	0.0
50637	227.0	231.5	-1191.6	-113.8	235.8	305.9	0.0143	0.0120	0.0127	24.26	28.77	27.24	0.00	-0.13	-1.64	0.0
50706	215.6	230.6	-1155.0	-115.4	254.1	309.8	0.0138	0.0123	0.0127	24.74	27.92	26.92	0.00	-0.12	-1.61	0.0
50715	221.4	223.8	-1147.6	-117.2	240.9	314.3	0.0143	0.0118	0.0127	23.96	29.06	27.01	0.00	-0.13	-1.61	0.0
50724	260.6	248.7	-1151.6	-127.7	244.2	301.4	0.0143	0.0120	0.0127	26.88	31.87	30.18	0.00	-0.15	-1.64	0.0
50793	248.8	246.2	-1124.6	-128.5	260.4	304.2	0.0138	0.0123	0.0127	27.26	30.76	29.66	0.00	-0.14	-1.62	0.0
50802	253.6	237.8	-1116.5	-130.1	246.6	308.4	0.0143	0.0118	0.0127	26.33	31.93	29.67	0.00	-0.15	-1.61	0.0
50811	232.1	190.8	-963.5	149.7	-184.7	243.3	0.0143	0.0120	0.0244	25.35	30.24	14.86	0.00	-0.22	-1.41	0.0
50880	236.1	189.3	-921.2	154.1	-194.2	260.7	0.0139	0.0122	0.0244	26.62	30.17	15.10	0.00	-0.21	-1.39	0.0
50889	220.1	180.3	-927.1	151.2	-192.4	258.3	0.0144	0.0118	0.0127	24.59	29.98	27.81	0.00	-0.21	-1.38	0.0
50898	221.2	210.3	-966.4	157.5	-194.4	241.8	0.0143	0.0120	0.0244	26.11	31.16	15.31	0.00	-0.23	-1.43	0.0
50967	225.3	205.9	-931.5	159.3	-207.4	259.5	0.0139	0.0122	0.0244	27.11	30.73	15.38	0.00	-0.22	-1.41	0.0
50976	211.2	193.2	-935.3	157.0	-201.3	256.6	0.0144	0.0118	0.0127	25.06	30.58	28.36	0.00	-0.22	-1.39	0.0
50985	249.5	277.4	-1401.7	109.3	287.6	-318.6	0.0143	0.0120	0.0127	26.25	31.33	29.59	0.00	-0.11	-1.89	0.0
51054	236.0	274.9	-1358.9	111.9	306.2	-325.1	0.0139	0.0122	0.0127	26.83	30.42	29.28	0.00	-0.11	-1.85	0.0
51063	244.0	269.8	-1363.0	114.9	294.1	-333.9	0.0144	0.0118	0.0127	26.11	31.88	29.55	0.00	-0.12	-1.86	0.0
51072	284.5	297.8	-1352.1	124.4	289.7	-313.7	0.0143	0.0120	0.0127	29.06	34.70	32.77	0.00	-0.14	-1.88	0.0
51141	270.2	293.2	-1320.5	126.1	305.7	-318.3	0.0139	0.0122	0.0127	29.50	33.45	32.20	0.00	-0.13	-1.85	0.0
51150	277.4	286.4	-1323.4	129.1	292.9	-326.3	0.0144	0.0118	0.0127	28.65	34.97	32.43	0.00	-0.14	-1.86	0.0
51159	250.6	236.9	-1181.2	-139.5	-240.3	-248.9	0.0143	0.0120	0.0244	26.87	31.87	15.69	0.00	-0.19	-1.65	0.0
51228	251.9	232.4	-1129.0	-144.7	-251.3	-269.8	0.0138	0.0123	0.0244	28.01	31.60	15.84	0.00	-0.19	-1.62	0.0
51237	238.9	225.6	-1149.2	-143.8	-249.9	-271.0	0.0143	0.0118	0.0127	26.27	31.85	29.60	0.00	-0.19	-1.63	0.0
51246	239.8	258.4	-1168.1	-147.9	-244.8	-250.4	0.0143	0.0120	0.0244	27.86	33.04	16.27	0.00	-0.21	-1.66	0.0
51315	241.3	250.8	-1127.2	-150.6	-257.8	-270.1	0.0138	0.0123	0.0244	28.71	32.39	16.24	0.00	-0.20	-1.63	0.0
51324	229.9	240.5	-1143.1	-150.3	-252.4	-270.7	0.0143	0.0118	0.0127	26.94	32.67	30.37	0.00	-0.20	-1.63	0.0
51453	1010.5	832.1	-1219.5	57.3	160.2	172.8	0.0288	0.0171	0.0045	36.31	61.06	234.08	0.00	-0.22	-2.29	0.0
51454	1015.3	819.3	-1225.9	58.8	171.9	172.8	0.0288	0.0171	0.0045	36.52	61.40	235.40	0.00	-0.24	-2.30	0.0
51455	996.7	796.9	-1230.8	68.5	187.3	174.5	0.0288	0.0171	0.0045	36.17	60.82	233.16	0.00	-0.26	-2.30	0.0
51456	930.6	751.3	-1271.2	87.0	221.6	175.6	0.0288	0.0171	0.0045	34.67	58.30	223.50	0.00	-0.28	-2.31	0.0
51457	739.7	678.2	-1231.9	104.2	309.8	235.6	0.0288	0.0171	0.0045	30.87	51.90	198.97	0.00	-0.29	-2.19	0.0
51458	-4.9	226.9	-3133.3	86.8	1369.2	-187.0	0.0288	0.0171	0.0045	17.73	29.81	114.28	0.00	-0.27	-4.17	0.0
51459	-671.7	-221.8	-5184.0	-54.3	320.4	-352.0	0.0288	0.0171	0.0057				-0.18	-0.66	-5.23	
51460	-147.1	130.1	-3283.0	-78.2	-1329.8	-262.3	0.0288	0.0171	0.0057	11.89	19.99	60.50	0.00	-0.19	-4.13	0.0
51461	610.2	547.1	-1321.4	-83.3	-302.0	170.9	0.0288	0.0171	0.0022	26.16	43.72	43.72	0.00	-0.26	-1.50	4.1
51462	814.5	587.6	-1300.8	-92.3	179.4	175.7	0.0288	0.0171	0.0022	30.17	44.72	0.00	0.00	-0.18	-1.36	7.8
51463	839.7	601.2	-1271.1	-94.4	219.0	171.7	0.0288	0.0171	0.0022	31.78	42.89	0.00	0.00	-0.14	-1.34	15.0
51464	798.5	596.0	-1272.8	-93.8	238.2	-173.5	0.0288	0.0171	0.0022	31.92	47.30	47.28	0.00	-0.27	-1.44	10.4
51465	727.2	582.4	-1274.8	-92.8	251.3	-175.4	0.0288	0.0171	0.0022	29.88	45.67	45.67	0.00	-0.27	-1.45	8.7
51466	641.5	563.1	-1276.9	-92.8	261.6	-177.5	0.0288	0.0171	0.0022	28.97	40.78	40.70	0.00	-0.25	-1.44	15.0
51467	553.6	541.3	-1277.7	110.2	270.7	-180.5	0.0288	0.0171	0.0022	24.43	36.36	0.00	0.00	-0.14	-1.37	13.9
51468	475.5	521.9	-1276.8	136.1	281.7	-195.9	0.0288	0.0171	0.0022	23.13	36.15	0.00	0.00	-0.18	-1.38	8.4
51469	1008.9	817.5	-1213.2	18.5	140.2	167.3	0.0288	0.0171	0.0045	35.48	59.67	228.75	0.00	-0.20	-2.26	0.0
51470	1016.5	800.8	-1219.2	18.9	151.7	167.5	0.0288	0.0171	0.0045	35.79	60.19	230.73	0.00	-0.22	-2.27	0.0
51471	1001.9	771.9	-1225.7	25.4	167.5	167.4	0.0288	0.0171	0.0045	35.43	59.58	228.40	0.00	-0.24	-2.27	0.0
51472	937.6	716.4	-1259.7	35.5	202.2	173.7	0.0288	0.0171	0.0045	33.58	56.46	216.44	0.00	-0.25	-2.26	0.0
51473	714.8	622.3	-1293.1	42.1	347.1	173.4	0.0288	0.0171	0.0045	27.86	46.85	179.62	0.00	-0.20	-2.17	0.0
51474	-32.2	196.6	-3036.0	38.7	1278.3	-174.4	0.0288	0.0171	0.0045	15.30	25.72	98.61	0.00	-0.24	-3.96	0.0
51475	-623.3	-173.3	-4766.7	-58.4	176.1	-164.2	0.0288	0.0171	0.0057				-0.16	-0.63	-4.78	
51476	-94.3	165.0	-3031.4	-67.5	-1187.8	172.2	0.0288	0.0171	0.0057	13.61	22.88	69.27	0.00	-0.29	-3.85	0.0
51477	613.9	526.6	-1316.0	-75.7	-274.4	-164.8	0.0288	0.0171	0.0022	24.36	35.22	0.00	0.00	-0.08	-1.40	15.0
51478	813.7	561.2	-1294.9	-84.3	156.9	167.8	0.0288	0.0171	0.0022	29.77	43.72	0.00	0.00	-0.18	-1.34	7.3
51479	840.6	574.4	-1264.7	-89.8	199.0	166.7	0.0288	0.0171	0.0022	31.37	42.28	0.00	0.00	-0.15	-1.32	12.6
51480	799.5	571.1	-1266.6	-93.7	218.2	165.8	0.0288	0.0171	0.0022	30.41	40.96	0.00	0.00	-0.14	-1.33	15.0
51481	727.9	560.5	-1268.6	-97.4	231.3	165.4	0.0288	0.0171	0.0022	28.00	41.24	0.00	0.00	-0.15	-1.34	8.8
51482	641.7	544.8	-1270.7	-102.0	241.6	165.7	0.0288	0.0171	0.0022	25.95	37.92	0.00	0.00	-0.14	-1.35	13.3
51483	552.1	526.7	-1271.6	-109.2	250.2	-167.8	0.0288	0.0171	0.0022	25.45	40.44	40.44	0.00	-0.28	-1.43	5.1
51484	470.3	508.6	-1271.0	-123.2	259.1	-182.9	0.0288	0.0171	0.0022	25.53	37.91	37.91	0.00	-0.33	-1.43	7.4
51485	1003.1	807.1	-1204.0	-15.4	140.2	170.2	0.0288	0.0171	0.0045	35.14	59.08	226.51	0.00	-0.19	-2.24	0.0
51486	1010.7	790.5	-1210.0	-22.2	151.6	170.2	0.0288	0.0171	0.0045	35.47	59.64	228.63	0.00	-0.22	-2.26	0.0
51487	996.2	761.6	-1216.5	-35.1	167.3	170.4	0.0288	0.0171	0.0045	35.10	59.02	226.26	0.00	-0.24	-2.25	0.0
51488	932.1	706.3	-1250.5	-51.3	202.0	164.2	0.0288	0.0171	0.0045	33.20	55.82	214.00	0.00	-0.24	-2.24	0.0
51489	709.6	612.5	-1283.9	-63.6	346.8	164.5	0.0288	0.0171	0.0045	26.96	45.33	173.79	0.00	-0.16	-2.13	0.0
51490	-37.1	187.2	-3026.8	-65.5	1278.0	190.3	0.0288	0.0171	0.0045	15.10	25.38	97.32	0.00	-0.24	-3.94	0.0
51491	-627.9	-182.4	-4757.6	-62.8	175.7	179.3	0.0288	0.0171	0.0057				-0.17	-0.63	-4.77	
51492	-98.5	156.3	-3022.3	-70.6	-1188.2	165.5	0.0288	0.0171	0.0057	13.50	22.70	68.70	0.00	-0.29	-3.84	0.0
51493	610.3	518.4	-1306.8	-77.7	-274.9	178.0	0.0288	0.0171	0.0022	26.23	39.73	39.73	0.00	-0.23	-1.47	9.2
51494	810.7	553.5	-1285.8	-82.9	156.3	169.1	0.0288	0.0171	0.0022	29.92	40.65	0.00	0.00	-0.15	-1.33	13.4
51495	838.1	567.2	-1255.6	-89.8	198.4	169.6	0.0288	0.0171	0.0022	31.35	41.36	0.00	0.00	-0.15	-1.32	14.4

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
51496	797.6	564.6	-1257.4	-97.3	217.5	169.8	0.0288	0.0171	0.0022	30.43	40.85	0.00	0.00	-0.15	-1.32	15.0
51497	726.6	554.6	-1259.4	-105.2	230.7	169.8	0.0288	0.0171	0.0022	28.56	39.69	0.00	0.00	-0.15	-1.33	15.0
51498	641.0	539.6	-1261.6	-113.8	240.9	170.2	0.0288	0.0171	0.0022	26.45	38.01	0.00	0.00	-0.15	-1.34	14.4
51499	552.0	522.2	-1262.5	-124.7	249.6	172.1	0.0288	0.0171	0.0022	24.97	35.93	1.16	0.00	-0.18	-1.35	15.0
51500	470.6	504.7	-1262.0	-141.6	258.6	185.8	0.0288	0.0171	0.0022	22.50	36.09	0.00	0.00	-0.20	-1.36	6.6
51501	993.1	801.0	-1192.2	-54.1	160.2	181.7	0.0288	0.0171	0.0045	35.18	59.15	226.76	0.00	-0.20	-2.23	0.0
51502	998.0	788.3	-1198.5	-62.0	171.7	181.8	0.0288	0.0171	0.0045	35.47	59.65	228.69	0.00	-0.23	-2.25	0.0
51503	979.7	766.4	-1203.5	-78.0	186.9	180.2	0.0288	0.0171	0.0045	35.15	59.11	226.61	0.00	-0.25	-2.25	0.0
51504	914.1	721.3	-1243.9	-102.6	221.0	179.3	0.0288	0.0171	0.0045	33.58	56.47	216.47	0.00	-0.26	-2.25	0.0
51505	724.0	649.0	-1204.6	-125.4	309.0	-219.2	0.0288	0.0171	0.0045	30.76	51.73	198.30	0.00	-0.33	-2.16	0.0
51506	-19.7	198.6	-3106.0	-113.2	1368.2	202.8	0.0288	0.0171	0.0045	17.48	29.39	112.68	0.00	-0.30	-4.14	0.0
51507	-685.4	-249.0	-5156.6	-85.1	319.3	366.9	0.0288	0.0171	0.0057				-0.21	-0.67	-5.21	
51508	-159.5	104.0	-3255.6	-75.7	-1331.1	276.3	0.0288	0.0171	0.0057	14.75	24.80	75.07	0.00	-0.40	-4.19	0.0
51509	599.4	522.3	-1294.1	-83.9	-303.4	183.7	0.0288	0.0171	0.0022	27.78	38.67	37.31	0.00	-0.25	-1.47	15.0
51510	805.3	564.4	-1273.4	-87.0	177.8	178.5	0.0288	0.0171	0.0022	30.04	40.79	0.00	0.00	-0.14	-1.33	14.7
51511	832.3	579.7	-1243.7	-95.7	217.2	181.9	0.0288	0.0171	0.0022	31.48	41.92	0.00	0.00	-0.14	-1.32	15.0
51512	792.9	576.3	-1245.4	-106.4	236.3	182.5	0.0288	0.0171	0.0022	30.40	43.13	0.00	0.00	-0.16	-1.33	10.4
51513	723.4	564.7	-1247.5	-117.6	249.3	182.9	0.0288	0.0171	0.0022	28.36	43.31	0.00	0.00	-0.18	-1.33	7.0
51514	639.6	547.4	-1249.7	-129.5	259.6	183.3	0.0288	0.0171	0.0022	27.11	39.11	0.00	0.00	-0.17	-1.34	13.6
51515	553.3	527.7	-1250.5	-143.4	268.9	184.8	0.0288	0.0171	0.0022	25.71	37.25	0.00	0.00	-0.20	-1.35	13.4
51516	476.5	510.3	-1249.7	-164.5	280.1	198.7	0.0288	0.0171	0.0022	24.39	36.78	0.00	0.00	-0.23	-1.37	10.0
51517	2.4	302.8	-988.3	24.9	47.5	-162.0	0.0080	0.0171	0.0127	40.71	18.97	25.49	0.00	-0.32	-1.33	0.0
51518	1.0	299.2	-982.9	11.1	42.7	-165.7	0.0079	0.0171	0.0127	40.74	18.71	25.21	0.00	-0.32	-1.33	0.0
51519	1.1	297.8	-974.5	-12.6	42.7	-164.5	0.0079	0.0171	0.0127	40.65	18.67	25.16	0.00	-0.32	-1.32	0.0
51520	2.5	298.5	-963.1	-26.1	47.4	-157.5	0.0080	0.0171	0.0127	40.34	18.80	25.26	0.00	-0.32	-1.31	0.0
51537	15.0	330.5	-1105.1	25.3	27.7	-196.0	0.0080	0.0171	0.0127	45.00	20.97	28.17	0.00	-0.34	-1.49	0.0
51538	11.8	320.1	-1109.4	11.4	20.1	-205.4	0.0079	0.0171	0.0127	44.39	20.39	27.48	0.00	-0.34	-1.49	0.0
51539	11.9	318.5	-1100.6	-13.2	20.2	-207.0	0.0079	0.0171	0.0127	44.36	20.38	27.45	0.00	-0.34	-1.48	0.0
51540	15.2	325.9	-1078.6	-26.8	27.9	-199.0	0.0080	0.0171	0.0127	44.78	20.86	28.04	0.00	-0.34	-1.46	0.0
51557	131.6	440.2	-1282.9	118.5	139.6	292.2	0.0288	0.0171	0.0022	18.66	31.37	240.54	0.00	-0.45	-1.88	0.0
51558	114.5	396.4	-1281.2	83.4	116.4	270.2	0.0288	0.0171	0.0022	16.24	27.31	209.42	0.00	-0.38	-1.80	0.0
51559	114.6	394.7	-1272.2	-87.1	116.5	-272.0	0.0288	0.0171	0.0022	16.29	27.39	209.98	0.00	-0.38	-1.79	0.0
51560	132.0	434.9	-1256.0	-122.0	139.9	-293.9	0.0288	0.0171	0.0022	18.62	31.32	240.11	0.00	-0.45	-1.85	0.0
51561	211.5	460.6	-1290.7	127.4	240.7	-245.5	0.0288	0.0171	0.0022	18.25	30.69	235.31	0.00	-0.30	-1.89	0.0
51562	191.4	444.6	-1285.2	88.8	208.2	-233.2	0.0288	0.0171	0.0022	16.98	28.55	218.93	0.00	-0.28	-1.84	0.0
51563	191.8	442.5	-1276.2	-98.3	208.1	-232.7	0.0288	0.0171	0.0022	18.18	30.57	234.37	0.00	-0.36	-1.86	0.0
51564	212.7	454.3	-1263.9	-136.6	240.6	245.0	0.0288	0.0171	0.0022	18.27	30.71	235.50	0.00	-0.31	-1.87	0.0
51565	268.3	471.4	-1281.3	127.7	277.5	-238.6	0.0288	0.0171	0.0022	18.72	31.48	241.34	0.00	-0.25	-1.90	0.0
51566	255.5	462.4	-1275.8	95.2	246.8	-225.9	0.0288	0.0171	0.0022	17.69	29.75	228.10	0.00	-0.23	-1.86	0.0
51567	256.1	460.0	-1266.9	-109.9	246.7	226.1	0.0288	0.0171	0.0022	17.92	30.13	230.99	0.00	-0.24	-1.85	0.0
51568	270.0	464.1	-1254.5	-142.0	277.1	238.9	0.0288	0.0171	0.0022	18.88	31.74	243.37	0.00	-0.27	-1.88	0.0
51569	328.9	486.8	-1277.7	132.4	290.8	-234.8	0.0288	0.0171	0.0022	19.60	32.96	252.70	0.00	-0.23	-1.93	0.0
51570	320.9	475.8	-1272.2	103.3	262.9	-220.7	0.0288	0.0171	0.0022	18.47	31.06	238.18	0.00	-0.20	-1.88	0.0
51571	321.5	473.0	-1263.2	-122.9	262.6	221.7	0.0288	0.0171	0.0022	18.91	31.80	243.80	0.00	-0.22	-1.88	0.0
51572	330.7	478.2	-1250.8	-151.5	289.9	235.8	0.0288	0.0171	0.0022	19.94	33.54	257.13	0.00	-0.25	-1.91	0.0
51573	402.9	504.8	-1276.1	144.8	290.4	-220.9	0.0288	0.0171	0.0022	21.09	35.47	271.93	0.00	-0.23	-1.96	0.0
51574	395.5	491.7	-1270.6	-121.6	264.9	-206.8	0.0288	0.0171	0.0022	25.39	35.96	35.95	0.00	-0.37	-1.44	8.2
51575	396.1	488.4	-1261.6	-141.9	264.5	208.6	0.0288	0.0171	0.0022	20.54	34.53	264.78	0.00	-0.23	-1.92	0.0
51576	404.6	494.9	-1249.2	-168.4	289.2	222.7	0.0288	0.0171	0.0022	21.67	36.44	279.37	0.00	-0.27	-1.96	0.0
51705	988.3	839.3	-1214.7	61.5	-157.4	172.6	0.0288	0.0171	0.0045	35.22	59.22	227.04	0.00	-0.18	-2.26	0.0
51706	985.2	827.1	-1208.2	24.7	-142.3	167.2	0.0288	0.0171	0.0045	34.57	58.12	222.83	0.00	-0.16	-2.23	0.0
51707	979.4	816.6	-1199.1	-15.0	-142.2	170.1	0.0288	0.0171	0.0045	34.47	57.96	222.20	0.00	-0.17	-2.22	0.0
51708	970.9	808.1	-1187.4	-51.9	-157.2	181.7	0.0288	0.0171	0.0045	34.90	58.69	225.00	0.00	-0.20	-2.22	0.0
51709	949.5	842.8	-1210.3	69.3	-164.7	172.2	0.0288	0.0171	0.0045	34.24	57.58	220.75	0.00	-0.15	-2.22	0.0
51710	945.9	832.3	-1203.8	34.1	-149.3	167.0	0.0288	0.0171	0.0045	33.35	56.08	215.00	0.00	-0.12	-2.19	0.0
51711	940.2	822.0	-1194.6	22.6	-149.2	170.1	0.0288	0.0171	0.0045	33.04	55.56	212.98	0.00	-0.12	-2.17	0.0
51712	932.4	811.8	-1183.0	-53.3	-164.4	181.8	0.0288	0.0171	0.0045	33.86	56.94	218.30	0.00	-0.18	-2.19	0.0
51713	891.6	842.9	-1207.4	78.8	-173.3	171.6	0.0288	0.0171	0.0045	33.00	55.49	212.74	0.00	-0.14	-2.19	0.0
51714	888.3	834.0	-1200.8	44.3	-157.8	166.7	0.0288	0.0171	0.0045	31.77	53.42	204.80	0.00	-0.08	-2.14	0.0
51715	882.8	823.7	-1191.6	32.2	-157.6	170.1	0.0288	0.0171	0.0045	31.27	52.58	201.57	0.00	-0.07	-2.12	0.0
51716	875.0	812.3	-1180.1	-56.6	-172.8	182.1	0.0288	0.0171	0.0045	32.51	54.66	209.56	0.00	-0.16	-2.15	0.0
51717	806.8	837.8	-1205.1	88.8	-186.6	170.6	0.0288	0.0171	0.0045	31.68	53.27	204.23	0.00	-0.15	-2.15	0.0
51718	803.3	831.1	-1198.4	54.8	-171.2	166.5	0.0288	0.0171	0.0045	30.35	51.04	195.66	0.00	-0.09	-2.10	0.0
51719	798.0	821.0	-1189.2	41.4	-170.9	169.9	0.0288	0.0171	0.0045	29.62	49.81	190.97	0.00	-0.06	-2.07	0.0
51720	790.9	807.8	-1177.8	-60.7	-185.9	182.8	0.0288	0.0171	0.0045	31.01	52.15	199.93	0.00	-0.16	-2.10	0.0
51721	668.4	815.4	-1237.7	100.3	-219.1	169.4	0.0288	0.0171	0.0045	30.13	50.66	194.22	0.00	-0.21	-2.15	0.0
51722	661.9	815.6	-1230.9	66.2	-206.1	165.5	0.0288	0.0171	0.0045	29.31	49.28	188.92	0.00	-0.17	-2.11	0.0
51723	656.9	805.7	-1221.7	49.1	-205.8	170.6	0.0288	0.0171	0.0045	28.71	48.27	185.05	0.00	-0.15	-2.09	0.0
51724	653.4	786.1	-1210.3	-66.8	-218.2	183.7	0.0288	0.0171	0.0045	29.38	49.41	189.42	0.00	-0.21	-2.10	0.0
51725	386.1	769.5	-1241.0	111.4	-358.3	-192.3	0.0288	0.0171	0.0057	29.18	49.07	148.53	0.00	-0.44	-2.17	0.0
51726	386.7	788.1	-1233.1	77.1	-321.8	-174.2	0.0288	0.0171	0.0057	28.83	48.48	146.76	0.00	-0.41	-2.14	0.0
51727	382.0	778.6	-1224.0	56.2	-321.4	189.9	0.0288	0.0171	0.0057	27.71	46.60	141.07	0.00	-0.36	-2.10	0.0
51728	372.2	741.2	-1213.7	-72.8	-357.1	207.8	0.0288	0.0171	0.0057	27.64	46.48	140.69	0.00	-0.38	-2.10	0.0
51729	-337.4	341.5	-3284.1	102.2	-1300.2	-418.2	0.0288	0.0171	0.0057	18.36	30.88	93.48	0.00	-0.53	-4.34	0.0
51730	-256.3	439.3	-2960.7	78.1	-1109.4	-184.3	0.0288	0.0171	0.0057	17.24	28.99	87.76	0.00	-0.41	-3.86	0.0
51731	-260.6	430.2	-2951.6	71.7	-1109.0	199.0	0.0288	0.0171	0.0057	15.35	25.81	78.12	0.00	-0.30	-3.80	0.0
51732	-350.2	314.3	-3256.7	91.8	-1298.9	432.8	0.0288	0.0171	0.0057	13.21	22.22	67.26	0.00	-0.25	-4.18	0.0
51733	-371.0	320.7	-3264.5	84.2	1255.9	-332.8	0.0288	0.0171	0.0057	12.31	20.70	62.67	0.00	-0.26	-4.12	0.0
51734	-285.7	416.1	-2946.8	72.6	1061.1	161.0	0.0288	0.0171	0.0057	15.97	26.85	81.29	0.00	-0.41	-3.78	0.0
51735	-289.5	407.5	-2937.6	92.0	1061.6	173.6	0.0288	0.0171	0.0057	16.20	27.24	82.45	0.00	-0.44	-3.78	0.0
51736	-382.4	294.9	-3237.1	126.3	1257.4	346.4	0.0288	0.0171	0.0057	16.24	27.31	82.66	0.00	-0.53	-4.20	0.0
51737	274.6	699.4	-1212.6	-94.3	295.7	-182.8	0.0288	0.0171	0.0140	26.07	43.83	53.77	0.00	-0.46	-2.03	0.0
51738	283.4	719.0	-1206.5	76.0	262.0	-170.6	0.0288	0.0171	0.0140	25.71	43.24	53.04	0.00	-0.42	-2.01	0.0
51739	280.1	710.9	-1197.4	101.3	262.6	183.2	0.0288	0.0171	0.0140	26.50	44.57	54.67	0.00	-0.48	-2.02	0.0
51740	264.8	675.3	-1185.2	143.8	297.4	195.3	0.0288	0.0171	0.0140	26.44	44.47	54.55	0.00	-0.51	-2.02	0.0
51741	467.9	696.9	-1213.6	99.6	182.1	-175.1	0.0288	0.0171	0.0140	25.69	43.19	52.99	0.00	-0.28	-1.99	0.0
51742	464.7	705.0	-1201.7	86.5	160.8	164.5	0.0288	0.0171	0.0140	26.21	44.07	54.07	0.00	-0.31	-1.98	0.0
51743	462.0	697.5	-1192.6	101.4	161.4	168.7	0.0288	0.0171	0.0140	26.35	44.31	54.36	0.00	-0.33	-1.98	0.0
51744	459.7	674.7	-1186.2	138.2	184.0	186.2	0.0288	0.0171	0.0140	26.87	45.19	55.44	0.00	-0.38	-2.00	0.0
51745	508.8	686.0	-1168.3	119.3	-178.8	-172.4	0.0288	0.0171	0.0140	26.89	45.22	55.47	0.00	-0.32	-1.98	0.0
51746	502.8	686.9	-1160.1	95.8	-166.0	164.1	0.0288	0.0171	0.0140	25.41	42.74	52.43	0.00	-0.24	-1.92	0.0
51747	500.8	680.1	-1151.0	100.7	-165.3	168.2	0.0288	0.0171	0.0140	25.33	42.60	52.25	0.00	-0.25	-1.91	0.0
51748	502.5	665.8	-1140.9	128.6	-176.8	182.1	0.0288	0.0171	0.0140	25.68	43.19	52.98	0.00	-0.27	-1.92	0.0
51749	478.5	668.7	-1158.1	134.3	-198.8	170.5	0.0288	0.0171	0.0140	25.70	43.22	53.02	0.00	-0.29	-1.94	0.0
51750	473.2	663.7	-1151.3	103.1	-183.6	164.3	0.0288	0.0171	0.0140	24.73	41.59	51.02	0.00	-0.25	-1.90	0.0
51751	471.7	657.7	-1142.2	100.3	-182.9	167.2	0.0288	0.0171	0.0140	24.49	41.18	50.52	0.00	-0.24	-1.89	0.0
51752	474.2	650.8	-1130.8	120.8	-196.7	178.5	0.0288	0.0171	0.0140	24.83	41.75	51.22	0.00	-0.26	-1.89	0.0
51753	406.2	650.6	-1148.5	142.3	-214.5	-171.0	0.0288	0.0171	0.0140	25.98	43.68	53.59	0.00	-0.40	-1.94	0.0
51754	402.5	641.2	-1142.0	108.0	-199.0	164.5	0.0288	0.0171	0.0140	23.85	40.11	49.20	0.00	-0.29	-1.87	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
51755	401.7	636.1	-1132.9	101.2	-198.2	166.6	0.0288	0.0171	0.0140	23.55	39.61	48.59	0.00	-0.28	-1.85	0.0
51756	403.8	635.1	-1121.2	117.7	-212.3	177.5	0.0288	0.0171	0.0140	23.91	40.20	49.32	0.00	-0.29	-1.86	0.0
51757	303.0	629.8	-1139.3	145.0	243.2	-172.6	0.0288	0.0171	0.0140	23.90	40.18	49.29	0.00	-0.38	-1.89	0.0
51758	300.3	617.9	-1132.8	111.7	224.7	165.1	0.0288	0.0171	0.0140	23.69	39.83	48.86	0.00	-0.40	-1.86	0.0
51759	300.1	613.6	-1123.7	104.2	225.4	166.9	0.0288	0.0171	0.0140	23.41	39.37	48.30	0.00	-0.39	-1.85	0.0
51760	302.4	616.9	-1112.1	118.8	245.4	177.4	0.0288	0.0171	0.0140	24.02	40.39	49.55	0.00	-0.41	-1.86	0.0
51761	171.5	606.8	-1128.6	146.6	307.3	-175.4	0.0288	0.0171	0.0140	22.76	38.27	46.94	0.00	-0.44	-1.88	0.0
51762	169.7	593.8	-1122.2	116.4	288.2	167.7	0.0288	0.0171	0.0140	22.79	38.33	47.02	0.00	-0.48	-1.85	0.0
51763	170.1	590.4	-1113.1	110.1	288.9	168.8	0.0288	0.0171	0.0140	22.58	37.97	46.58	0.00	-0.47	-1.84	0.0
51764	172.5	596.7	-1101.5	124.4	309.3	178.4	0.0288	0.0171	0.0140	23.24	39.08	47.94	0.00	-0.49	-1.85	0.0
51765	12.8	584.0	-1117.1	154.7	398.0	191.4	0.0401	0.0171	0.0140	16.77	39.27	48.17	0.00	-0.61	-1.93	0.0
51766	13.5	569.7	-1110.8	127.2	376.7	183.0	0.0401	0.0171	0.0140	15.95	37.35	45.82	0.00	-0.57	-1.88	0.0
51767	14.3	567.3	-1101.8	122.9	377.3	182.9	0.0401	0.0171	0.0140	15.85	37.11	45.52	0.00	-0.56	-1.86	0.0
51768	15.1	576.6	-1090.0	138.3	399.8	192.1	0.0401	0.0171	0.0140	16.40	38.41	47.13	0.00	-0.58	-1.89	0.0
51769	709.3	386.8	-416.3	-113.7	1726.2	266.8	0.0193	0.0284	0.0244	101.98	69.22	80.40	0.00	-1.54	-3.67	0.0
51774	707.4	386.0	-400.3	-82.1	1650.4	-261.7	0.0192	0.0284	0.0244	100.43	67.73	78.81	0.00	-1.56	-3.53	0.0
51779	706.7	385.5	-394.4	118.6	1650.5	-323.0	0.0192	0.0284	0.0244	99.18	66.89	77.83	0.00	-1.47	-3.54	0.0
51784	707.4	385.3	-398.2	149.1	1726.6	-330.3	0.0193	0.0284	0.0244	102.30	69.43	80.66	0.00	-1.53	-3.69	0.0
51789	89.3	235.0	-912.3	-21.3	106.0	-280.6	0.0193	0.0171	0.0244	16.06	18.11	12.66	0.00	-0.22	-1.30	0.0
51794	87.8	242.1	-911.7	10.3	99.4	-257.2	0.0192	0.0171	0.0244	15.51	17.37	12.17	0.00	-0.20	-1.27	0.0
51799	88.2	242.7	-903.2	11.9	98.8	-241.0	0.0192	0.0171	0.0244	15.21	17.03	11.93	0.00	-0.19	-1.25	0.0
51804	90.4	236.8	-886.9	25.2	104.1	253.1	0.0193	0.0171	0.0244	15.66	17.67	12.35	0.00	-0.21	-1.25	0.0
51809	153.1	334.3	-1082.9	-94.9	120.2	-323.7	0.0401	0.0171	0.0140	11.28	26.41	32.40	0.00	-0.34	-1.61	0.0
51810	233.7	426.8	-1130.4	124.7	313.0	-261.6	0.0401	0.0171	0.0140	12.37	28.97	35.53	0.00	-0.22	-1.74	0.0
51811	34.9	482.4	-1133.5	130.8	493.8	-244.3	0.0401	0.0171	0.0140	13.17	30.83	37.82	0.00	-0.32	-1.88	0.0
51812	-182.2	527.2	-1121.5	137.4	529.1	235.4	0.0401	0.0171	0.0140	15.61	36.55	44.84	0.00	-0.66	-2.00	0.0
51813	-118.7	559.7	-1112.8	152.3	483.3	219.1	0.0401	0.0171	0.0140	16.37	38.34	47.03	0.00	-0.66	-1.98	0.0
51814	133.8	281.5	-1081.1	74.2	94.8	-288.6	0.0401	0.0171	0.0140	8.82	20.65	25.34	0.00	-0.22	-1.50	0.0
51815	213.2	410.4	-1122.8	85.9	279.0	-245.7	0.0401	0.0171	0.0140	11.41	26.73	32.79	0.00	-0.20	-1.68	0.0
51816	26.8	472.6	-1126.4	93.8	461.4	-233.5	0.0401	0.0171	0.0140	12.67	29.67	36.40	0.00	-0.32	-1.83	0.0
51817	-187.1	514.9	-1115.3	104.6	500.6	-224.3	0.0401	0.0171	0.0140	13.65	31.97	39.21	0.00	-0.52	-1.91	0.0
51818	-117.2	545.2	-1106.8	123.8	458.4	207.9	0.0401	0.0171	0.0140	15.51	36.32	44.55	0.00	-0.62	-1.92	0.0
51819	134.0	281.6	-1072.1	78.7	94.5	279.9	0.0401	0.0171	0.0140	9.36	21.93	26.90	0.00	-0.28	-1.51	0.0
51820	214.0	410.2	-1114.0	82.7	278.9	-241.9	0.0401	0.0171	0.0140	11.36	26.61	32.64	0.00	-0.19	-1.67	0.0
51821	27.9	472.0	-1117.6	90.6	461.6	-234.7	0.0401	0.0171	0.0140	12.65	29.63	36.35	0.00	-0.32	-1.82	0.0
51822	-185.9	513.8	-1106.4	102.0	501.0	-226.3	0.0401	0.0171	0.0140	13.63	31.92	39.16	0.00	-0.51	-1.91	0.0
51823	-116.1	543.6	-1097.8	121.1	459.0	-209.0	0.0401	0.0171	0.0140	14.38	33.68	41.31	0.00	-0.51	-1.89	0.0
51824	153.9	334.5	-1056.0	102.0	119.4	315.3	0.0401	0.0171	0.0140	11.35	26.59	32.62	0.00	-0.35	-1.59	0.0
51825	236.1	426.3	-1104.0	113.2	312.6	255.1	0.0401	0.0171	0.0140	14.02	32.83	40.27	0.00	-0.36	-1.77	0.0
51826	38.2	480.6	-1107.1	118.3	494.3	-244.8	0.0401	0.0171	0.0140	13.04	30.55	37.47	0.00	-0.30	-1.85	0.0
51827	-178.8	523.9	-1094.9	125.8	530.2	-238.2	0.0401	0.0171	0.0140	14.02	32.83	40.28	0.00	-0.50	-1.94	0.0
51828	-115.6	554.6	-1086.0	140.0	484.9	-220.0	0.0401	0.0171	0.0140	14.80	34.66	42.52	0.00	-0.51	-1.92	0.0
51829	4.2	297.2	-956.0	-36.7	51.7	-152.1	0.0081	0.0170	0.0127	39.70	18.88	25.27	0.00	-0.32	-1.30	0.0
51830	6.6	296.7	-953.3	-44.5	55.2	151.9	0.0082	0.0169	0.0127	38.88	18.85	25.14	0.00	-0.31	-1.29	0.0
51839	23.1	333.9	-1061.0	-41.1	36.0	-182.3	0.0081	0.0170	0.0127	44.93	21.37	28.60	0.00	-0.35	-1.45	0.0
51840	24.2	328.7	-1058.5	-43.6	41.9	-178.7	0.0082	0.0169	0.0127	43.62	21.15	28.20	0.00	-0.34	-1.44	0.0
51849	167.3	452.7	-1244.7	-145.8	182.5	-311.3	0.0288	0.0171	0.0022	20.28	34.11	261.51	0.00	-0.48	-1.90	0.0
51850	173.0	443.7	-1242.4	-150.4	182.3	-306.5	0.0288	0.0171	0.0022	20.12	33.84	259.46	0.00	-0.47	-1.89	0.0
51851	234.6	439.0	-1254.8	-141.3	289.2	255.2	0.0288	0.0171	0.0022	17.98	30.23	231.79	0.00	-0.26	-1.87	0.0
51852	237.9	428.5	-1250.9	-137.2	288.6	253.0	0.0288	0.0171	0.0022	17.58	29.56	226.66	0.00	-0.25	-1.85	0.0
51853	281.5	451.1	-1245.0	-147.3	320.6	250.8	0.0288	0.0171	0.0022	18.70	31.45	241.14	0.00	-0.24	-1.89	0.0
51854	282.8	441.1	-1241.1	-145.8	318.8	249.9	0.0288	0.0171	0.0022	18.40	30.94	237.23	0.00	-0.23	-1.88	0.0
51855	338.4	466.1	-1241.2	-158.9	330.9	249.0	0.0288	0.0171	0.0022	19.92	33.50	256.83	0.00	-0.23	-1.92	0.0
51856	339.1	453.4	-1237.2	-157.8	329.0	248.5	0.0288	0.0171	0.0022	19.59	32.94	252.56	0.00	-0.23	-1.91	0.0
51857	414.2	484.3	-1239.2	-178.2	326.5	235.5	0.0288	0.0171	0.0022	22.77	35.94	0.00	0.00	-0.21	-1.40	8.4
51858	414.1	466.7	-1234.9	-176.7	324.8	235.4	0.0288	0.0171	0.0022	21.52	36.19	277.48	0.00	-0.26	-1.96	0.0
51923	483.0	500.9	-1239.7	-172.7	312.2	210.2	0.0288	0.0171	0.0022	25.38	36.27	0.00	0.00	-0.23	-1.38	13.2
51924	482.2	481.6	-1234.9	-171.1	310.8	211.4	0.0288	0.0171	0.0022	25.28	35.07	0.00	0.00	-0.23	-1.37	15.0
51925	553.7	518.9	-1240.7	-148.9	297.9	196.3	0.0288	0.0171	0.0022	25.46	37.70	0.00	0.00	-0.19	-1.36	11.0
51926	552.1	498.7	-1235.6	-146.6	296.8	198.5	0.0288	0.0171	0.0022	25.13	36.67	0.00	0.00	-0.18	-1.36	11.6
51927	637.6	539.1	-1239.9	-133.3	288.3	195.5	0.0288	0.0171	0.0022	27.37	38.65	0.00	0.00	-0.16	-1.35	14.9
51928	634.9	515.9	-1234.7	-129.4	287.5	197.9	0.0288	0.0171	0.0022	26.82	37.71	0.00	0.00	-0.16	-1.35	14.0
51929	719.7	556.3	-1237.6	-118.9	278.1	195.0	0.0288	0.0171	0.0022	29.10	40.14	0.00	0.00	-0.15	-1.34	15.0
51930	715.6	530.6	-1232.5	-113.0	277.5	197.5	0.0288	0.0171	0.0022	28.26	40.48	0.00	0.00	-0.16	-1.34	9.0
51931	787.5	567.9	-1236.1	-104.9	265.2	194.6	0.0288	0.0171	0.0022	30.57	41.41	0.00	0.00	-0.14	-1.33	13.3
51932	782.1	540.8	-1231.0	-97.0	264.8	196.6	0.0288	0.0171	0.0022	29.99	40.47	0.00	0.00	-0.14	-1.33	10.6
51933	825.6	571.4	-1231.9	-91.5	246.7	192.4	0.0288	0.0171	0.0022	30.85	47.12	0.00	0.00	-0.21	-1.32	6.7
51934	818.9	544.6	-1226.9	-81.8	246.4	196.2	0.0288	0.0171	0.0022	30.70	40.19	0.00	0.00	-0.12	-1.31	10.1
51935	796.5	553.7	-1276.8	-80.2	203.5	195.3	0.0288	0.0171	0.0022	29.53	40.56	0.00	0.00	-0.13	-1.34	11.1
51936	788.1	529.6	-1273.1	-67.8	203.4	186.2	0.0288	0.0171	0.0022	29.11	37.25	0.00	0.00	-0.09	-1.34	15.0
51937	595.7	519.9	-1210.9	-74.1	-304.0	-207.6	0.0288	0.0171	0.0022	23.78	34.58	0.00	0.00	-0.05	-1.33	12.2
51938	583.6	504.6	-1200.0	-62.2	-307.9	211.9	0.0288	0.0171	0.0022	26.32	38.88	38.88	0.00	-0.23	-1.40	11.8
51939	-280.7	-14.8	-3882.0	-73.5	-1668.1	352.1	0.0288	0.0171	0.0057	15.92	26.76	81.01	0.00	-0.54	-5.01	0.0
51940	-290.2	-18.8	-3970.6	-75.1	-1679.8	-563.1	0.0288	0.0171	0.0057	14.22	23.92	72.40	0.00	-0.41	-5.10	0.0
51941	-636.0	-217.5	-5054.3	-108.5	1040.9	-640.5	0.0288	0.0171	0.0057	0.02	0.03	0.09	0.00	-0.55	-5.36	0.0
51942	-430.6	-8.6	-4117.4	-115.8	1547.5	-554.7	0.0288	0.0171	0.0057	13.45	22.61	68.46	0.00	-0.60	-5.12	0.0
51943	156.7	366.0	-2341.9	-142.5	1014.5	-895.8	0.0288	0.0171	0.0045	33.40	56.16	215.29	0.00	-0.84	-3.86	0.0
51944	355.8	578.6	-1410.9	-156.7	509.9	-372.6	0.0288	0.0171	0.0045	28.23	47.48	182.02	0.00	-0.51	-2.41	0.0
51945	718.9	672.1	-1242.8	-152.5	328.4	217.7	0.0288	0.0171	0.0045	29.75	50.02	191.76	0.00	-0.24	-2.18	0.0
51946	700.5	684.2	-1324.9	-148.5	346.3	-224.0	0.0288	0.0171	0.0045	31.77	53.42	204.79	0.00	-0.37	-2.32	0.0
51947	894.1	733.6	-1220.9	-117.7	245.1	178.0	0.0288	0.0171	0.0045	33.52	56.37	216.10	0.00	-0.26	-2.23	0.0
51948	875.4	738.4	-1199.9	-102.1	239.8	197.2	0.0288	0.0171	0.0045	32.55	54.74	209.85	0.00	-0.21	-2.19	0.0
51949	961.7	763.8	-1195.7	-85.4	217.3	193.5	0.0288	0.0171	0.0045	34.82	58.55	224.47	0.00	-0.24	-2.24	0.0
51950	946.1	756.8	-1193.7	-63.5	218.6	193.1	0.0288	0.0171	0.0045	33.94	57.07	218.80	0.00	-0.21	-2.21	0.0
51951	985.1	779.0	-1188.5	-66.9	201.9	192.5	0.0288	0.0171	0.0045	35.23	59.24	227.10	0.00	-0.23	-2.24	0.0
51952	974.0	767.3	-1183.3	-37.2	202.8	194.5	0.0288	0.0171	0.0045	34.53	58.07	222.62	0.00	-0.21	-2.22	0.0
51953	983.5	787.9	-1182.5	-58.5	190.4	192.6	0.0288	0.0171	0.0045	35.02	58.89	225.74	0.00	-0.21	-2.23	0.0
51954	975.2	773.6	-1177.8	-21.1	191.4	193.8	0.0288	0.0171	0.0045	34.45	57.92	222.06	0.00	-0.20	-2.21	0.0
52019	956.5	777.1	-1172.7	-23.7	180.9	193.7	0.0288	0.0171	0.0045	33.75	56.75	217.57	0.00	-0.18	-2.18	0.0
52020	919.5	778.0	-1168.5	-30.5	-188.2	194.1	0.0288	0.0171	0.0045	33.01	55.52	212.83	0.00	-0.17	-2.15	0.0
52021	861.3	776.0	-1166.7	-38.4	-197.7	195.8	0.0288	0.0171	0.0045	31.55	53.05	203.37	0.00	-0.14	-2.11	0.0
52022	774.6	769.5	-1162.5	-43.6	-210.1	198.8	0.0288	0.0171	0.0045	29.76	50.04	191.84	0.00	-0.13	-2.06	0.0
52023	636.3	739.7	-1209.5	45.6	-244.7	197.6	0.0288	0.0171	0.0045	26.53	44.61	171.01	0.00	-0.10	-2.03	0.0
52024	363.7	679.1	-1135.5	73.7	-366.1	224.5	0.0288	0.0171	0.0057	24.63	41.42	125.40	0.00	-0.26	-1.96	0.0
52025	-508.9	93.3	-3890.0	96.8	-1703.1	-213.8	0.0288	0.0171	0.0057	11.40	19.16	58.01	0.00	-0.36	-4.93	0.0
52026	-560.7	68.1	-3806.6	125.2	1625.0	-415.1	0.0288	0.0284	0.0057	5.34	5.41	27.20	0.00	-0.09	-4.67	0.0
52027	224.7	580.2	-1090.8	148.0	314.3	261.3	0.0288	0.0171	0.0140	24.52	41.23	50.57	0.00	-0.51	-1.90	0.0
52028	445.0	587.5	-1231.7	144.8	265.2	237.0	0.0288	0.0171	0.0140	25.61	43.06	52.82	0.00	-0.38	-2.03	0.0
52029	511.3	613.5	-1124.7	122.5	203.5	191.0	0.0288	0.0171	0.0140	25.52	42.92	52.65	0.00	-0.30	-1.90	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
52030	480.7	619.1	-1117.7	108.9	-217.4	190.8	0.0288	0.0171	0.0140	23.66	39.79	48.81	0.00	-0.21	-1.85	0.0
52031	408.6	617.4	-1107.2	104.7	-233.2	189.5	0.0288	0.0171	0.0140	23.11	38.87	47.68	0.00	-0.25	-1.83	0.0
52032	308.4	609.8	-1098.3	106.5	274.4	189.2	0.0288	0.0171	0.0140	23.78	39.99	49.06	0.00	-0.38	-1.85	0.0
52033	181.2	596.9	-1088.0	112.9	338.0	189.2	0.0288	0.0171	0.0140	23.26	39.11	47.97	0.00	-0.46	-1.86	0.0
52034	23.5	579.3	-1077.0	127.8	430.4	201.9	0.0288	0.0171	0.0140	22.99	38.65	47.42	0.00	-0.56	-1.90	0.0
52035	963.3	793.0	-1177.6	-57.1	180.1	192.4	0.0288	0.0171	0.0045	34.29	57.67	221.08	0.00	-0.18	-2.20	0.0
52036	925.6	795.4	-1173.3	-60.1	-187.5	192.7	0.0288	0.0171	0.0045	33.95	57.08	218.83	0.00	-0.20	-2.19	0.0
52037	868.0	795.0	-1170.9	-65.1	-196.2	193.8	0.0288	0.0171	0.0045	32.65	54.90	210.46	0.00	-0.18	-2.15	0.0
52038	783.5	789.6	-1166.8	-69.4	-208.7	194.5	0.0288	0.0171	0.0045	31.08	52.27	200.39	0.00	-0.18	-2.10	0.0
52039	647.1	761.6	-1211.0	-72.0	-243.2	200.7	0.0288	0.0171	0.0045	29.09	48.92	187.54	0.00	-0.22	-2.10	0.0
52040	371.6	707.9	-1146.3	77.7	-367.9	188.4	0.0288	0.0171	0.0057	25.43	42.77	129.45	0.00	-0.28	-1.98	0.0
52041	-486.1	145.5	-3846.1	106.0	-1651.8	521.3	0.0288	0.0171	0.0057	10.26	17.26	52.23	0.00	-0.20	-4.88	0.0
52042	-528.9	128.3	-3826.3	137.2	1607.5	365.5	0.0288	0.0171	0.0057	13.89	23.36	70.72	0.00	-0.53	-4.90	0.0
52043	249.6	636.9	-1125.5	161.5	312.5	194.0	0.0288	0.0171	0.0140	25.78	43.34	53.17	0.00	-0.52	-1.95	0.0
52044	454.8	637.9	-1197.3	157.4	228.8	215.0	0.0288	0.0171	0.0140	26.90	45.23	55.48	0.00	-0.41	-2.02	0.0
52045	506.6	642.6	-1132.4	141.0	202.8	193.5	0.0288	0.0171	0.0140	26.74	44.97	55.17	0.00	-0.35	-1.94	0.0
52046	477.9	638.2	-1121.6	128.7	-218.5	188.9	0.0288	0.0171	0.0140	24.72	41.56	50.99	0.00	-0.26	-1.89	0.0
52047	406.6	630.1	-1111.8	124.1	-234.0	188.2	0.0288	0.0171	0.0140	23.93	40.23	49.36	0.00	-0.28	-1.86	0.0
52048	305.6	617.7	-1102.7	124.9	274.9	187.8	0.0288	0.0171	0.0140	24.42	41.06	50.38	0.00	-0.42	-1.87	0.0
52049	176.5	601.1	-1092.2	129.9	339.0	188.1	0.0288	0.0171	0.0140	23.72	39.89	48.93	0.00	-0.49	-1.87	0.0
52050	16.5	582.5	-1080.7	144.3	432.3	201.7	0.0401	0.0171	0.0140	16.80	39.35	48.27	0.00	-0.59	-1.92	0.0
52059	707.7	385.4	-405.8	133.9	1787.5	-292.2	0.0194	0.0283	0.0244	104.42	71.53	82.90	0.00	-1.60	-3.79	0.0
52060	706.3	383.8	-413.2	122.2	1797.2	301.6	0.0195	0.0283	0.0244	106.25	73.42	84.89	0.00	-1.72	-3.82	0.0
52069	83.7	234.2	-874.2	33.0	109.6	273.6	0.0194	0.0170	0.0244	16.12	18.39	12.80	0.00	-0.23	-1.26	0.0
52070	79.8	237.9	-873.9	48.9	123.6	298.0	0.0195	0.0169	0.0244	17.26	19.88	13.79	0.00	-0.27	-1.30	0.0
52071	-114.9	559.7	-1076.8	147.4	522.8	-229.7	0.0401	0.0171	0.0140	15.00	35.12	43.08	0.00	-0.49	-1.95	0.0
52072	-107.1	555.3	-1073.6	129.1	520.6	-227.3	0.0401	0.0171	0.0140	14.77	34.60	42.44	0.00	-0.47	-1.93	0.0
52073	-174.8	526.4	-1086.1	132.5	572.4	-248.4	0.0401	0.0171	0.0140	14.15	33.14	40.66	0.00	-0.47	-1.97	0.0
52074	-174.9	521.0	-1083.1	109.3	570.5	-245.8	0.0401	0.0171	0.0140	13.93	32.62	40.02	0.00	-0.46	-1.95	0.0
52075	41.8	478.8	-1099.4	123.0	540.1	-253.2	0.0401	0.0171	0.0140	13.05	30.55	37.48	0.00	-0.27	-1.88	0.0
52076	30.5	469.2	-1096.4	96.7	539.2	252.6	0.0401	0.0171	0.0140	14.68	34.37	42.17	0.00	-0.44	-1.92	0.0
52077	255.9	416.2	-1097.1	116.5	363.5	270.0	0.0401	0.0171	0.0140	14.53	34.03	41.74	0.00	-0.37	-1.81	0.0
52078	249.9	397.6	-1094.3	89.7	365.6	273.2	0.0401	0.0171	0.0140	13.66	31.98	39.23	0.00	-0.32	-1.77	0.0
52079	194.5	346.5	-1045.2	121.1	165.0	342.1	0.0401	0.0171	0.0140	12.62	29.56	36.26	0.00	-0.38	-1.64	0.0
52080	196.1	314.0	-1043.4	123.0	169.3	341.8	0.0401	0.0171	0.0140	12.11	28.36	34.79	0.00	-0.37	-1.62	0.0
52097	32.2	285.1	-950.7	-96.4	77.9	147.5	0.0098	0.0161	0.0127	33.37	20.35	25.84	0.00	-0.31	-1.30	0.0
52098	23.7	289.2	-952.9	-82.8	73.0	154.4	0.0093	0.0164	0.0127	35.11	19.88	25.67	0.00	-0.31	-1.30	0.0
52099	15.9	290.0	-954.0	-68.8	67.1	157.1	0.0088	0.0166	0.0127	36.43	19.31	25.30	0.00	-0.31	-1.30	0.0
52100	10.0	293.3	-952.7	-54.9	60.5	154.2	0.0084	0.0168	0.0127	37.82	18.97	25.13	0.00	-0.31	-1.30	0.0
52117	38.0	317.3	-1060.0	-106.1	70.2	-169.5	0.0098	0.0161	0.0127	38.24	23.32	29.61	0.00	-0.37	-1.46	0.0
52118	29.5	312.5	-1072.6	-89.6	64.1	-185.2	0.0093	0.0164	0.0127	39.30	22.25	28.73	0.00	-0.36	-1.46	0.0
52119	23.8	317.6	-1076.9	-76.8	57.1	191.4	0.0088	0.0166	0.0127	40.52	21.49	28.14	0.00	-0.34	-1.46	0.0
52120	20.6	322.4	-1067.9	-59.9	49.0	188.8	0.0084	0.0168	0.0127	42.15	21.15	28.01	0.00	-0.34	-1.45	0.0
52121	402.2	436.0	-1167.3	-217.0	281.0	226.3	0.0288	0.0171	0.0022	23.01	36.01	0.00	0.00	-0.29	-1.32	9.2
52122	400.5	440.4	-1188.2	-205.5	258.6	216.1	0.0288	0.0171	0.0022	22.12	36.13	0.00	0.00	-0.29	-1.31	7.8
52123	400.1	446.4	-1208.0	-194.8	258.0	214.6	0.0288	0.0171	0.0022	21.51	36.16	277.28	0.00	-0.32	-1.90	0.0
52124	405.8	458.6	-1225.4	-185.6	284.1	224.2	0.0288	0.0171	0.0022	21.52	36.19	277.45	0.00	-0.29	-1.93	0.0
52125	339.6	415.6	-1169.6	-213.8	278.8	229.8	0.0288	0.0171	0.0022	20.65	34.73	266.25	0.00	-0.34	-1.86	0.0
52126	333.2	425.1	-1190.3	-198.7	255.4	222.0	0.0288	0.0171	0.0022	20.25	34.05	261.04	0.00	-0.33	-1.85	0.0
52127	330.4	433.7	-1210.1	-183.5	255.2	222.7	0.0288	0.0171	0.0022	19.90	33.46	256.52	0.00	-0.30	-1.86	0.0
52128	334.7	448.2	-1227.6	-171.4	284.2	235.2	0.0288	0.0171	0.0022	19.87	33.42	256.23	0.00	-0.27	-1.89	0.0
52129	286.2	406.7	-1173.8	-210.9	265.0	227.3	0.0288	0.0171	0.0022	19.65	33.05	253.41	0.00	-0.35	-1.83	0.0
52130	272.4	417.4	-1194.5	-190.4	239.4	221.5	0.0288	0.0171	0.0022	19.10	32.12	246.24	0.00	-0.34	-1.82	0.0
52131	269.0	423.8	-1214.3	-172.0	239.8	223.2	0.0288	0.0171	0.0022	18.65	31.37	240.50	0.00	-0.31	-1.83	0.0
52132	276.5	437.8	-1231.7	-161.0	271.8	236.3	0.0288	0.0171	0.0022	18.74	31.51	241.56	0.00	-0.28	-1.86	0.0
52133	231.5	408.2	-1184.8	-204.7	230.9	227.5	0.0288	0.0171	0.0022	18.94	31.85	244.17	0.00	-0.37	-1.81	0.0
52134	210.3	406.7	-1205.3	-176.0	203.5	221.8	0.0288	0.0171	0.0022	17.89	30.08	230.61	0.00	-0.35	-1.79	0.0
52135	208.9	410.9	-1225.0	-159.5	204.5	224.8	0.0288	0.0171	0.0022	17.53	29.48	226.07	0.00	-0.33	-1.79	0.0
52136	223.9	429.1	-1241.8	-154.4	238.4	239.3	0.0288	0.0171	0.0022	18.00	30.26	232.03	0.00	-0.31	-1.84	0.0
52137	155.9	389.5	-1197.3	-180.5	153.1	-265.4	0.0288	0.0171	0.0022	18.81	31.62	242.47	0.00	-0.48	-1.79	0.0
52138	135.7	365.1	-1215.8	-158.1	128.4	-254.7	0.0288	0.0171	0.0022	17.13	28.80	220.84	0.00	-0.44	-1.76	0.0
52139	131.9	376.7	-1230.7	-149.1	122.1	-259.3	0.0288	0.0171	0.0022	17.18	28.89	221.51	0.00	-0.43	-1.77	0.0
52140	145.4	420.6	-1239.3	-152.4	140.8	-282.7	0.0288	0.0171	0.0022	18.89	31.77	243.57	0.00	-0.47	-1.84	0.0
52269	962.5	753.7	-1168.6	-23.8	163.7	187.7	0.0288	0.0171	0.0045	33.87	56.95	218.32	0.00	-0.20	-2.17	0.0
52270	957.7	750.5	-1174.9	-38.4	175.8	188.7	0.0288	0.0171	0.0045	33.84	56.90	218.12	0.00	-0.21	-2.18	0.0
52271	923.6	745.5	-1183.8	-62.2	190.9	190.3	0.0288	0.0171	0.0045	33.03	55.55	212.96	0.00	-0.20	-2.17	0.0
52272	843.3	736.9	-1201.5	-98.7	219.1	190.9	0.0288	0.0171	0.0045	31.48	52.94	202.95	0.00	-0.19	-2.15	0.0
52273	686.3	712.1	-1266.0	-146.2	269.5	-173.4	0.0288	0.0171	0.0045	30.93	52.01	199.40	0.00	-0.34	-2.20	0.0
52274	402.1	654.0	-1313.8	-180.2	397.5	-208.4	0.0288	0.0171	0.0045	28.32	47.63	182.59	0.00	-0.47	-2.23	0.0
52275	-238.9	193.4	-3363.7	-163.8	1298.3	-316.5	0.0288	0.0171	0.0057	16.68	28.05	84.90	0.00	-0.52	-4.33	0.0
52276	-153.5	133.1	-3334.7	-112.1	-1287.0	-496.6	0.0288	0.0171	0.0057	11.42	19.20	58.12	0.00	-0.16	-4.18	0.0
52277	563.1	506.3	-1268.2	-71.1	-317.1	-193.2	0.0288	0.0171	0.0057	21.89	36.81	111.41	0.00	-0.12	-1.97	0.0
52278	775.2	527.0	-1251.5	-67.6	175.7	186.6	0.0288	0.0171	0.0022	28.08	43.67	0.00	0.00	-0.20	-1.31	5.2
52279	807.6	535.7	-1218.8	-81.1	216.3	189.4	0.0288	0.0171	0.0022	30.14	38.92	0.00	0.00	-0.12	-1.29	13.7
52280	772.9	530.1	-1220.3	-97.8	235.0	192.1	0.0288	0.0171	0.0022	29.62	38.89	0.00	0.00	-0.13	-1.30	15.0
52281	708.5	518.6	-1222.2	-115.8	247.4	193.0	0.0288	0.0171	0.0022	28.14	38.69	0.00	0.00	-0.15	-1.31	13.8
52282	629.9	503.4	-1224.3	-134.2	257.0	193.3	0.0288	0.0171	0.0022	26.68	37.22	0.00	0.00	-0.17	-1.32	14.8
52283	548.4	486.7	-1225.3	-153.7	265.5	193.8	0.0288	0.0171	0.0022	25.56	35.80	0.00	0.00	-0.21	-1.33	14.6
52284	475.1	471.0	-1225.1	-178.4	275.8	204.5	0.0288	0.0171	0.0022	24.55	35.51	0.00	0.00	-0.25	-1.35	11.8
52285	946.2	717.3	-1152.6	-43.7	146.9	182.8	0.0288	0.0171	0.0045	33.35	56.08	215.00	0.00	-0.23	-2.14	0.0
52286	938.4	715.0	-1159.5	-46.7	160.5	185.3	0.0288	0.0171	0.0045	33.17	55.77	213.81	0.00	-0.23	-2.15	0.0
52287	897.3	711.6	-1171.1	-59.1	178.2	190.8	0.0288	0.0171	0.0045	32.01	53.83	206.35	0.00	-0.20	-2.13	0.0
52288	806.5	708.2	-1188.2	-85.5	205.0	197.0	0.0288	0.0171	0.0045	29.84	50.19	192.39	0.00	-0.16	-2.09	0.0
52289	638.8	685.8	-1283.9	-131.8	272.2	243.8	0.0288	0.0171	0.0045	27.64	46.49	178.21	0.00	-0.20	-2.15	0.0
52290	395.4	643.2	-1254.2	-198.5	323.5	226.2	0.0288	0.0171	0.0045	26.19	44.03	168.81	0.00	-0.37	-2.10	0.0
52291	-129.1	250.0	-2973.4	-229.0	1131.2	309.6	0.0288	0.0171	0.0057	13.56	22.80	69.02	0.00	-0.23	-3.80	0.0
52292	-48.8	188.3	-3025.1	-173.5	-1118.6	-250.9	0.0288	0.0171	0.0057	12.85	21.61	65.43	0.00	-0.20	-3.79	0.0
52293	571.0	508.8	-1254.5	-99.3	-286.5	-195.8	0.0288	0.0171	0.0057	22.68	38.14	115.46	0.00	-0.16	-1.98	0.0
52294	761.2	530.0	-1233.5	-74.4	156.6	175.2	0.0288	0.0171	0.0022	27.99	38.68	0.00	0.00	-0.13	-1.28	12.4
52295	792.7	538.9	-1201.2	-83.1	198.3	186.8	0.0288	0.0171	0.0022	29.62	38.93	0.00	0.00	-0.12	-1.27	15.0
52296	760.0	532.6	-1202.5	-100.1	216.3	189.9	0.0288	0.0171	0.0022	28.76	41.46	0.00	0.00	-0.17	-1.28	8.5
52297	698.5	518.4	-1204.3	-119.4	228.4	191.2	0.0288	0.0171	0.0022	27.93	38.47	5.32	0.00	-0.16	-1.30	15.0
52298	622.9	499.1	-1206.5	-139.8	237.7	191.4	0.0288	0.0171	0.0022	25.77	39.30	0.00	0.00	-0.20	-1.30	8.1
52299	543.5	479.1	-1207.6	-161.5	245.3	191.6	0.0288	0.0171	0.0022	25.76	35.66	0.59	0.00	-0.23	-1.31	15.0
52300	469.4	461.6	-1207.6	-186.3	253.0	199.8	0.0288	0.0171	0.0022	23.59	36.64	0.00	0.00	-0.27	-1.32	8.3
52301	928.3	678.1	-1134.9	-60.2	149.7	186.2	0.0288	0.0171	0.0045	32.90	55.33	212.11	0.00	-0.26	-2.11	0.0
52302	920.9	672.6	-1141.9	-61.1	164.0	188.7	0.0288	0.0171	0.0045	32.72	55.01	210.90	0.00	-0.26	-2.12	0.0
52303	875.8	659.7	-1160.3	-65.3	191.4	202.5	0.0288	0.0171	0.0045	31.36	52.73	202.15	0.00	-0.23	-2.10	0.0
52304	768.0	639.2	-1199.3	-81.5	229.2	234.0	0.0288	0.0171	0.0045	28.27	47.55	182.27	0.00	-0.16	-2.07	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
52305	567.1	596.2	-1277.7	-133.1	312.8	275.1	0.0288	0.0171	0.0045	24.84	41.77	160.14	0.00	-0.17	-2.09	0.0
52306	163.0	368.2	-2109.5	-238.4	737.8	789.4	0.0288	0.0171	0.0057	20.85	35.05	106.11	0.00	-0.22	-3.16	0.0
52307	-292.5	-26.7	-3909.2	-284.7	650.5	791.4	0.0288	0.0171	0.0057	6.68	11.23	33.99	0.00	-0.43	-4.38	0.0
52308	12.7	127.5	-3038.6	-219.0	-1176.0	-286.2	0.0288	0.0171	0.0057	15.88	26.71	80.84	0.00	-0.34	-3.93	0.0
52309	609.8	505.3	-1195.9	-121.0	-246.3	-200.5	0.0288	0.0171	0.0057	24.14	40.59	122.87	0.00	-0.22	-1.95	0.0
52310	756.2	538.9	-1213.0	-86.7	164.4	180.3	0.0288	0.0171	0.0022	28.11	40.31	0.00	0.00	-0.15	-1.27	10.6
52311	778.8	552.4	-1180.9	-91.8	201.4	192.9	0.0288	0.0171	0.0022	28.90	44.59	0.00	0.00	-0.19	-1.26	6.3
52312	746.0	547.3	-1182.2	-107.4	218.7	198.2	0.0288	0.0171	0.0022	28.58	41.85	0.00	0.00	-0.16	-1.27	9.2
52313	686.8	531.0	-1183.9	-126.1	230.3	199.8	0.0288	0.0171	0.0022	27.72	39.61	0.00	0.00	-0.17	-1.27	13.1
52314	614.5	506.7	-1186.2	-146.8	239.4	199.4	0.0288	0.0171	0.0022	26.76	37.67	0.00	0.00	-0.20	-1.28	14.8
52315	538.5	480.8	-1187.5	-169.5	246.7	198.6	0.0288	0.0171	0.0022	25.14	37.16	0.00	0.00	-0.24	-1.29	10.7
52316	467.5	459.2	-1187.7	-194.9	253.8	204.6	0.0288	0.0171	0.0022	24.37	36.27	0.00	0.00	-0.28	-1.30	10.3
52317	905.2	635.0	-1116.5	-80.5	171.8	196.7	0.0288	0.0171	0.0045	32.43	54.54	209.09	0.00	-0.29	-2.09	0.0
52318	900.7	622.6	-1126.7	-85.0	188.1	201.8	0.0288	0.0171	0.0045	32.40	54.48	208.85	0.00	-0.30	-2.10	0.0
52319	858.9	593.4	-1137.3	-90.0	213.8	205.6	0.0288	0.0171	0.0045	31.17	52.42	200.95	0.00	-0.29	-2.08	0.0
52320	716.4	520.5	-1277.5	-103.8	338.7	300.8	0.0288	0.0171	0.0045	27.27	45.85	175.79	0.00	-0.23	-2.17	0.0
52321	428.7	390.2	-1446.6	-172.3	478.6	517.0	0.0288	0.0171	0.0045	20.24	34.04	130.49	0.00	-0.09	-2.29	0.0
52322	-209.5	-88.3	-3558.3	-285.8	1281.4	775.9	0.0288	0.0171	0.0057	7.90	13.29	40.22	0.00	-0.15	-4.39	0.0
52323	-353.0	-225.6	-4260.1	-315.6	-896.2	-491.3	0.0288	0.0171	0.0057	1.57	2.65	8.01	0.00	-0.40	-4.57	0.0
52324	259.3	240.1	-2092.4	-228.2	-740.1	-727.0	0.0288	0.0171	0.0057	16.74	28.15	85.20	0.00	-0.04	-3.00	0.0
52325	644.6	489.6	-1244.6	-127.2	-262.2	-193.6	0.0288	0.0171	0.0022	26.46	37.34	0.00	0.00	-0.17	-1.34	12.0
52326	757.4	547.4	-1174.9	-100.9	195.9	194.3	0.0288	0.0171	0.0022	28.80	40.78	0.00	0.00	-0.15	-1.25	12.2
52327	768.0	566.4	-1160.6	-108.5	226.1	210.3	0.0288	0.0171	0.0022	29.68	41.52	0.00	0.00	-0.14	-1.25	13.8
52328	732.9	566.9	-1159.3	-123.5	241.9	217.7	0.0288	0.0171	0.0022	29.29	41.35	40.98	0.00	-0.16	-1.35	15.0
52329	673.8	551.1	-1161.4	-139.7	252.6	220.0	0.0288	0.0171	0.0022	27.87	41.26	0.00	0.00	-0.17	-1.27	11.5
52330	603.2	521.5	-1164.0	-157.8	261.3	218.1	0.0288	0.0171	0.0022	26.82	39.09	0.00	0.00	-0.20	-1.28	12.9
52331	530.7	487.2	-1165.9	-179.3	268.3	214.6	0.0288	0.0171	0.0022	26.01	37.04	0.00	0.00	-0.24	-1.29	13.5
52332	464.8	459.6	-1166.6	-204.5	275.5	217.6	0.0288	0.0171	0.0022	24.82	36.60	0.00	0.00	-0.28	-1.31	11.1
52461	42.1	582.3	-1068.9	129.0	393.3	194.0	0.0288	0.0171	0.0140	22.94	38.57	47.32	0.00	-0.56	-1.87	0.0
52462	190.1	595.3	-1079.3	-126.2	305.4	183.5	0.0288	0.0171	0.0140	22.12	37.20	45.64	0.00	-0.40	-1.81	0.0
52463	312.6	601.9	-1089.3	-128.4	243.5	183.5	0.0288	0.0171	0.0140	22.75	38.26	46.94	0.00	-0.33	-1.81	0.0
52464	410.6	602.5	-1098.4	-125.4	-209.5	183.9	0.0288	0.0171	0.0140	24.37	40.98	50.28	0.00	-0.35	-1.84	0.0
52465	483.2	595.6	-1106.8	-114.0	-193.8	184.5	0.0288	0.0171	0.0140	24.43	41.09	50.41	0.00	-0.29	-1.85	0.0
52466	515.9	574.0	-1128.3	118.8	177.0	187.5	0.0288	0.0171	0.0140	24.41	41.06	50.37	0.00	-0.28	-1.87	0.0
52467	443.9	527.2	-1157.0	141.0	240.3	192.7	0.0288	0.0171	0.0140	23.66	39.78	48.80	0.00	-0.34	-1.89	0.0
52468	9.4	310.3	-2029.4	148.7	806.1	629.1	0.0288	0.0171	0.0140	24.35	40.95	50.24	0.00	-0.69	-3.12	0.0
52469	-656.5	-80.4	-4113.2	151.6	802.9	459.0	0.0288	0.0171	0.0057	2.44	4.10	12.42	0.00	-0.66	-4.40	0.0
52470	-413.2	154.3	-3269.3	135.7	-1378.7	-222.1	0.0288	0.0171	0.0057	12.53	21.08	63.80	0.00	-0.42	-4.19	0.0
52471	328.1	637.4	-1213.2	99.1	-362.6	201.6	0.0288	0.0171	0.0057	23.34	39.24	118.80	0.00	-0.27	-1.99	0.0
52472	608.2	705.9	-1194.3	50.5	-224.1	204.3	0.0288	0.0171	0.0045	25.51	42.89	164.44	0.00	-0.11	-1.98	0.0
52473	757.0	734.5	-1161.8	-49.3	-196.5	198.9	0.0288	0.0171	0.0045	28.99	48.75	186.90	0.00	-0.14	-2.04	0.0
52474	850.6	745.9	-1158.2	-42.8	-177.8	190.4	0.0288	0.0171	0.0045	31.01	52.14	199.90	0.00	-0.16	-2.08	0.0
52475	909.7	752.0	-1159.8	-33.3	-167.1	188.1	0.0288	0.0171	0.0045	32.53	54.70	209.69	0.00	-0.18	-2.13	0.0
52476	945.8	754.4	-1163.6	-25.4	-158.9	187.4	0.0288	0.0171	0.0045	33.53	56.38	216.13	0.00	-0.20	-2.16	0.0
52477	65.7	591.1	-1053.8	-192.8	364.8	189.8	0.0288	0.0171	0.0140	22.82	38.37	47.07	0.00	-0.52	-1.85	0.0
52478	202.1	596.4	-1063.7	-199.5	281.3	181.3	0.0288	0.0171	0.0140	23.68	39.81	48.84	0.00	-0.48	-1.83	0.0
52479	316.7	594.5	-1073.2	-203.0	222.0	181.0	0.0288	0.0171	0.0140	24.43	41.07	50.39	0.00	-0.44	-1.84	0.0
52480	410.2	587.1	-1082.4	-200.1	-193.9	181.1	0.0288	0.0171	0.0140	26.17	44.00	53.98	0.00	-0.47	-1.88	0.0
52481	481.1	571.1	-1089.2	-190.0	-178.7	180.9	0.0288	0.0171	0.0140	26.25	44.14	54.15	0.00	-0.42	-1.88	0.0
52482	512.8	533.9	-1125.3	-171.8	163.1	180.3	0.0288	0.0171	0.0140	24.15	40.62	49.83	0.00	-0.31	-1.86	0.0
52483	435.3	471.0	-1074.4	-137.9	224.2	187.8	0.0288	0.0171	0.0140	20.56	34.58	42.42	0.00	-0.22	-1.73	0.0
52484	-191.9	48.0	-2974.2	169.4	1273.9	-299.3	0.0288	0.0171	0.0140	10.89	18.31	22.46	0.00	-0.24	-3.82	0.0
52485	-785.8	-284.4	-4763.6	227.0	142.4	208.1	0.0288	0.0171	0.0057				-0.18	-0.87	-4.78	
52486	-370.8	150.0	-2846.7	226.9	-1162.1	316.1	0.0288	0.0171	0.0057	8.57	14.41	43.63	0.00	-0.21	-3.59	0.0
52487	259.8	563.0	-1224.0	146.8	-321.7	244.9	0.0288	0.0171	0.0045	21.87	36.78	140.99	0.00	-0.33	-1.96	0.0
52488	548.6	629.3	-1239.3	68.4	-267.1	260.0	0.0288	0.0171	0.0045	23.47	39.47	151.30	0.00	-0.10	-1.99	0.0
52489	734.0	675.0	-1151.0	-75.5	-192.9	197.7	0.0288	0.0171	0.0045	28.57	48.05	184.19	0.00	-0.20	-2.01	0.0
52490	836.0	696.4	-1144.7	-66.0	-167.4	187.3	0.0288	0.0171	0.0045	30.83	51.84	198.72	0.00	-0.21	-2.06	0.0
52491	896.1	709.3	-1144.2	-54.9	-154.6	183.5	0.0288	0.0171	0.0045	32.31	54.33	208.26	0.00	-0.23	-2.10	0.0
52492	931.2	715.9	-1147.7	-47.0	-145.4	182.4	0.0288	0.0171	0.0045	33.22	55.87	214.18	0.00	-0.24	-2.13	0.0
52493	86.1	589.0	-1037.2	-270.1	353.5	198.0	0.0288	0.0171	0.0140	24.57	41.32	50.68	0.00	-0.60	-1.89	0.0
52494	211.6	587.8	-1046.5	-277.5	274.4	189.9	0.0288	0.0171	0.0140	25.55	42.96	52.70	0.00	-0.58	-1.87	0.0
52495	317.0	581.9	-1055.5	-278.6	219.0	189.3	0.0288	0.0171	0.0140	26.35	44.31	54.36	0.00	-0.55	-1.88	0.0
52496	403.3	572.4	-1063.8	-274.4	-193.8	188.9	0.0288	0.0171	0.0140	28.23	47.47	58.23	0.00	-0.61	-1.92	0.0
52497	468.0	554.5	-1073.4	-266.4	-178.6	187.3	0.0288	0.0171	0.0140	28.35	47.67	58.47	0.00	-0.57	-1.93	0.0
52498	492.8	517.8	-1094.9	-255.0	168.8	182.9	0.0288	0.0171	0.0140	26.41	44.41	54.48	0.00	-0.47	-1.90	0.0
52499	404.2	445.1	-1166.0	-224.2	270.3	-191.9	0.0288	0.0171	0.0140	24.51	41.22	50.57	0.00	-0.50	-1.93	0.0
52500	-4.4	191.2	-2081.9	183.0	768.3	-777.0	0.0288	0.0171	0.0022	15.40	25.90	198.57	0.00	-0.22	-3.01	0.0
52501	-589.5	-179.5	-3808.5	288.7	675.7	-710.9	0.0288	0.0171	0.0057	0.29	0.49	1.49	0.00	-0.50	-4.10	0.0
52502	-612.2	-156.6	-3839.9	301.9	-665.2	827.2	0.0288	0.0171	0.0057	2.24	3.77	11.42	0.00	-0.58	-4.23	0.0
52503	-19.9	250.6	-2145.2	198.7	-809.2	856.4	0.0288	0.0171	0.0057	18.60	31.27	94.65	0.00	-0.31	-3.22	0.0
52504	484.3	520.5	-1228.7	98.4	-322.7	260.1	0.0288	0.0171	0.0045	20.92	35.18	134.86	0.00	-0.10	-1.93	0.0
52505	707.5	599.6	-1152.2	-85.6	-207.2	210.2	0.0288	0.0171	0.0045	27.65	46.50	178.27	0.00	-0.24	-1.99	0.0
52506	817.6	641.2	-1129.4	-76.9	-173.8	193.5	0.0288	0.0171	0.0045	30.33	51.01	195.55	0.00	-0.25	-2.04	0.0
52507	878.6	664.2	-1127.3	-68.0	-157.5	187.2	0.0288	0.0171	0.0045	31.92	53.67	205.75	0.00	-0.27	-2.08	0.0
52508	913.2	675.7	-1129.9	-62.3	-147.0	185.6	0.0288	0.0171	0.0045	32.84	55.23	211.73	0.00	-0.27	-2.10	0.0
52509	104.7	566.6	-1020.3	-355.5	353.9	216.9	0.0288	0.0171	0.0140	26.38	44.36	54.42	0.00	-0.69	-1.94	0.0
52510	218.9	565.2	-1028.5	-359.6	282.5	208.7	0.0288	0.0171	0.0140	27.48	46.21	56.69	0.00	-0.69	-1.93	0.0
52511	313.0	564.3	-1036.3	-357.4	233.5	208.8	0.0288	0.0171	0.0140	28.41	47.77	58.60	0.00	-0.68	-1.94	0.0
52512	388.3	561.8	-1043.9	-351.8	-208.7	208.3	0.0288	0.0171	0.0140	30.62	51.48	63.16	0.00	-0.77	-1.97	0.0
52513	442.2	549.7	-1054.3	-344.7	-194.0	203.7	0.0288	0.0171	0.0140	30.74	51.70	63.42	0.00	-0.74	-1.98	0.0
52514	458.1	521.4	-1071.8	-332.5	196.3	188.5	0.0288	0.0171	0.0140	28.60	48.09	59.00	0.00	-0.61	-1.95	0.0
52515	393.9	461.6	-1174.8	-295.8	258.7	-252.5	0.0288	0.0171	0.0140	27.48	46.22	56.70	0.00	-0.66	-2.03	0.0
52516	218.8	372.8	-1157.9	-189.3	312.5	-251.8	0.0288	0.0171	0.0022	20.34	34.20	262.22	0.00	-0.49	-1.84	0.0
52517	-431.3	-130.2	-3174.9	289.6	1422.8	-192.6	0.0288	0.0171	0.0057	9.36	15.75	47.67	0.00	-0.47	-4.07	0.0
52518	-961.5	-608.2	-5434.9	341.2	193.9	576.4	0.0288	0.0171	0.0057				-0.33	-1.17	-5.51	
52519	-365.4	-160.5	-3399.5	271.9	-1491.8	648.9	0.0288	0.0171	0.0057	8.52	14.32	43.36	0.00	-0.28	-4.38	0.0
52520	405.0	386.7	-1226.0	167.3	-394.1	328.9	0.0288	0.0171	0.0045	19.68	33.10	126.89	0.00	-0.18	-1.96	0.0
52521	666.1	511.1	-1171.5	109.4	-251.7	238.1	0.0288	0.0171	0.0045	25.39	42.69	163.66	0.00	-0.22	-1.97	0.0
52522	790.4	580.9	-1115.9	80.6	-197.1	207.1	0.0288	0.0171	0.0045	28.69	48.24	184.93	0.00	-0.23	-1.99	0.0
52523	854.0	615.9	-1110.6	-77.0	-175.3	198.5	0.0288	0.0171	0.0045	31.34	52.69	202.00	0.00	-0.30	-2.05	0.0
52524	888.8	632.8	-1112.1	-77.3	-163.6	196.3	0.0288	0.0171	0.0045	32.38	54.45	208.74	0.00	-0.31	-2.08	0.0
52525	702.2	379.9	-427.5	125.6	1761.0	377.6	0.0198	0.0281	0.0244	103.78	72.84	83.89	0.00	-1.71	-3.79	0.0
52530	697.9	379.2	-456.6	151.9	1721.2	359.3	0.0201	0.0280	0.0244	99.57	71.72	82.04	0.00	-1.67	-3.72	0.0
52535	697.3	390.8	-506.2	195.3	1770.0	-319.0	0.0206	0.0277	0.0244	95.41	70.90	80.43	0.00	-1.51	-3.80	0.0
52540	700.4	423.1	-573.5	214.7	1893.8	-293.6	0.0212	0.0274	0.0244	97.46	75.11	84.36	0.00	-1.58	-4.05	0.0
52545	77.8	252.7	-885.8	59.5	150.1	346.2	0.0198	0.0168	0.0244	19.36	22.72	15.65	0.00	-0.32	-1.38	0.0
52550	65.4	277.5	-901.7	78.2	178.7	393.8	0.0201	0.0166	0.0244	21.92	26.52	18.06	0.00	-0.40	-1.48	0.0
52555	53.8	298.0	-911.3	-104.1	207.6	431.3	0.0206	0.0164	0.0244	21.35	26.80	17.99	0.00	-0.34	-1.53	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
52560	51.2	307.3	-911.0	-139.6	226.2	469.6	0.0212	0.0161	0.0244	22.53	29.53	19.50	0.00	-0.38	-1.60	0.0
52565	151.3	285.1	-1042.9	112.5	134.7	328.4	0.0401	0.0171	0.0140	10.80	25.30	31.04	0.00	-0.34	-1.56	0.0
52566	211.9	386.6	-1087.0	89.5	320.4	266.4	0.0401	0.0171	0.0140	12.86	30.11	36.94	0.00	-0.32	-1.71	0.0
52567	-0.9	464.9	-1088.0	99.1	493.2	240.6	0.0401	0.0171	0.0140	14.18	33.21	40.74	0.00	-0.46	-1.87	0.0
52568	-157.0	523.3	-1074.6	113.9	524.7	229.1	0.0401	0.0171	0.0140	15.24	35.68	43.77	0.00	-0.60	-1.94	0.0
52569	-83.2	559.5	-1065.7	130.4	477.8	214.7	0.0401	0.0171	0.0140	16.13	37.78	46.34	0.00	-0.61	-1.92	0.0
52570	118.0	261.0	-1039.7	106.9	125.3	322.9	0.0401	0.0171	0.0140	9.98	23.38	28.68	0.00	-0.34	-1.52	0.0
52571	162.2	370.4	-1073.9	110.1	293.7	260.9	0.0401	0.0171	0.0140	12.51	29.31	35.95	0.00	-0.37	-1.68	0.0
52572	-42.9	468.3	-1073.0	-136.0	462.6	230.4	0.0401	0.0171	0.0140	12.79	29.95	36.74	0.00	-0.38	-1.80	0.0
52573	-126.0	533.5	-1058.7	-158.0	492.9	217.7	0.0401	0.0171	0.0140	14.41	33.74	41.39	0.00	-0.50	-1.89	0.0
52574	-52.2	571.2	-1050.4	-178.6	446.3	205.8	0.0401	0.0171	0.0140	15.55	36.43	44.69	0.00	-0.52	-1.88	0.0
52575	101.5	278.5	-1029.8	116.5	142.1	337.3	0.0401	0.0171	0.0140	10.67	24.98	30.65	0.00	-0.38	-1.55	0.0
52576	127.9	376.7	-1059.3	-157.5	300.2	271.0	0.0401	0.0171	0.0140	11.57	27.09	33.24	0.00	-0.29	-1.65	0.0
52577	-71.6	477.3	-1057.1	-203.1	462.3	236.4	0.0401	0.0171	0.0140	13.70	32.08	39.35	0.00	-0.46	-1.84	0.0
52578	-97.3	540.7	-1041.6	-229.9	485.5	223.3	0.0401	0.0171	0.0140	15.41	36.08	44.26	0.00	-0.54	-1.91	0.0
52579	-24.2	574.5	-1033.9	-253.2	434.6	212.5	0.0401	0.0171	0.0140	16.68	39.05	47.91	0.00	-0.58	-1.91	0.0
52580	102.6	299.0	-1013.7	145.6	178.7	365.0	0.0401	0.0171	0.0140	12.13	28.40	34.84	0.00	-0.46	-1.61	0.0
52581	111.2	381.0	-1043.0	-225.1	333.8	293.5	0.0401	0.0171	0.0140	12.85	30.09	36.91	0.00	-0.37	-1.72	0.0
52582	-81.7	466.3	-1039.2	-279.3	479.6	259.4	0.0401	0.0171	0.0140	14.60	34.20	41.96	0.00	-0.52	-1.89	0.0
52583	-69.8	524.6	-1022.9	-313.8	487.8	245.5	0.0401	0.0171	0.0140	16.46	38.56	47.30	0.00	-0.59	-1.96	0.0
52584	2.7	554.7	-1016.7	-340.2	431.6	232.7	0.0288	0.0171	0.0140	24.90	41.87	51.37	0.00	-0.65	-1.96	0.0
52589	39.7	278.3	-951.7	-105.6	81.2	142.9	0.0103	0.0159	0.0127	31.68	20.59	25.75	0.00	-0.31	-1.30	0.0
52594	47.2	274.6	-954.9	-112.4	83.7	140.3	0.0107	0.0157	0.0127	30.68	20.93	25.86	0.00	-0.31	-1.31	0.0
52599	48.2	320.2	-1054.0	-120.1	74.2	149.5	0.0103	0.0159	0.0127	36.30	23.59	29.50	0.00	-0.36	-1.45	0.0
52604	51.7	306.4	-1060.8	-121.1	79.5	147.6	0.0107	0.0157	0.0127	33.92	23.13	28.58	0.00	-0.35	-1.45	0.0
52605	400.0	407.5	-1154.7	-211.4	313.0	234.4	0.0288	0.0171	0.0022	21.42	36.03	276.22	0.00	-0.32	-1.88	0.0
52606	340.3	387.1	-1157.6	-208.8	311.3	235.7	0.0288	0.0171	0.0022	19.95	33.55	257.21	0.00	-0.31	-1.84	0.0
52607	293.8	378.1	-1162.1	-205.7	298.9	230.9	0.0288	0.0171	0.0022	18.96	31.88	244.44	0.00	-0.32	-1.81	0.0
52608	252.2	381.2	-1173.7	-203.8	269.7	228.5	0.0288	0.0171	0.0022	18.43	31.00	237.68	0.00	-0.34	-1.80	0.0
52609	196.0	402.0	-1188.9	-201.0	190.6	-271.5	0.0288	0.0171	0.0022	20.37	34.25	262.58	0.00	-0.51	-1.84	0.0
52610	388.4	374.9	-1151.7	-208.0	306.3	230.9	0.0288	0.0171	0.0022	20.56	34.58	265.12	0.00	-0.32	-1.85	0.0
52611	332.3	374.3	-1155.1	-213.5	300.6	229.8	0.0288	0.0171	0.0022	19.74	33.20	254.51	0.00	-0.33	-1.83	0.0
52612	288.6	376.0	-1159.8	-214.8	285.5	223.3	0.0288	0.0171	0.0022	19.15	32.20	246.87	0.00	-0.34	-1.81	0.0
52613	252.7	378.1	-1171.4	-211.9	257.0	217.9	0.0288	0.0171	0.0022	18.63	31.33	240.24	0.00	-0.36	-1.79	0.0
52614	205.7	402.7	-1191.9	-225.1	178.3	-255.4	0.0288	0.0171	0.0022	20.97	35.26	270.32	0.00	-0.55	-1.85	0.0
52679	458.4	433.9	-1153.2	-198.0	307.0	228.7	0.0288	0.0171	0.0022	24.87	34.21	0.00	0.00	-0.25	-1.32	14.4
52680	443.4	387.3	-1149.1	-187.4	305.6	229.9	0.0288	0.0171	0.0022	21.16	35.59	272.86	0.00	-0.29	-1.86	0.0
52681	519.3	468.0	-1151.5	-173.4	300.5	230.1	0.0288	0.0171	0.0022	25.46	35.54	0.00	0.00	-0.20	-1.30	15.0
52682	503.0	418.4	-1146.1	-157.1	305.6	237.1	0.0288	0.0171	0.0022	23.16	33.52	0.00	0.00	-0.17	-1.30	11.0
52683	590.8	510.8	-1148.5	-154.8	294.7	237.9	0.0288	0.0171	0.0022	26.51	37.98	0.00	0.00	-0.17	-1.29	14.5
52684	576.7	465.5	-1141.9	-136.8	304.5	250.2	0.0288	0.0171	0.0022	24.88	35.27	0.00	0.00	-0.13	-1.29	13.7
52685	663.1	544.6	-1145.3	-141.3	286.9	241.7	0.0288	0.0171	0.0022	28.05	39.96	38.96	0.00	-0.15	-1.36	15.0
52686	657.6	501.5	-1137.9	-129.6	297.9	255.3	0.0288	0.0171	0.0022	26.91	38.43	0.00	0.00	-0.12	-1.29	11.1
52687	724.7	555.8	-1143.5	-127.7	277.0	237.7	0.0288	0.0171	0.0022	28.84	42.72	0.00	0.00	-0.15	-1.28	9.1
52688	723.4	504.1	-1137.0	-118.2	286.6	247.2	0.0288	0.0171	0.0022	28.81	37.90	0.00	0.00	-0.11	-1.28	15.0
52689	762.6	547.0	-1146.0	-110.4	262.3	226.3	0.0288	0.0171	0.0022	29.72	40.54	0.00	0.00	-0.12	-1.26	13.2
52690	762.1	488.8	-1139.6	-99.2	268.6	232.5	0.0288	0.0171	0.0022	29.44	36.38	0.00	0.00	-0.10	-1.26	15.0
52691	758.6	522.2	-1153.3	-97.5	231.4	212.0	0.0288	0.0171	0.0022	29.04	38.39	0.00	0.00	-0.12	-1.25	15.0
52692	760.9	468.3	-1153.4	-82.9	234.6	202.7	0.0288	0.0171	0.0022	28.36	41.81	0.00	0.00	-0.21	-1.25	6.9
52693	673.5	459.4	-1271.5	-109.4	-267.6	-261.0	0.0288	0.0171	0.0022	26.39	35.66	0.00	0.00	-0.12	-1.39	12.7
52694	701.4	435.4	-1206.8	-89.0	-215.8	-204.3	0.0288	0.0171	0.0022	26.49	34.46	0.00	0.00	-0.14	-1.29	11.1
52695	487.5	364.7	-1182.2	-184.8	-321.0	-252.0	0.0288	0.0171	0.0057	21.86	36.77	111.30	0.00	-0.30	-1.92	0.0
52696	521.7	350.0	-1213.8	-143.1	-353.3	-234.3	0.0288	0.0171	0.0057	21.81	36.68	111.02	0.00	-0.28	-1.95	0.0
52697	-266.2	-257.4	-3848.0	-283.0	-1742.8	-268.5	0.0288	0.0171	0.0057	16.61	27.93	84.54	0.00	-0.74	-5.06	0.0
52698	-244.3	-280.2	-3887.5	-244.9	-1725.5	-623.1	0.0288	0.0171	0.0057	15.39	25.88	78.33	0.00	-0.62	-5.12	0.0
52699	-627.3	-591.7	-5501.0	-290.6	909.2	1473.1	0.0288	0.0171	0.0057				-0.18	-0.47	-6.08	
52700	-784.7	-777.2	-6299.5	-294.5	429.1	-479.6	0.0288	0.0171	0.0057				-0.42	-1.08	-6.37	
52701	115.8	6.1	-2733.3	-213.9	1253.5	1264.6	0.0288	0.0171	0.0057	26.38	44.37	134.30	0.00	-0.49	-4.40	0.0
52702	-39.9	-155.8	-3349.4	-244.6	1739.9	172.1	0.0288	0.0171	0.0057	25.50	42.88	129.81	0.00	-0.90	-4.85	0.0
52703	694.0	432.6	-1174.1	-126.8	364.4	-181.6	0.0288	0.0171	0.0045	28.74	48.33	185.27	0.00	-0.45	-2.08	0.0
52704	689.7	431.3	-998.2	-158.7	266.0	225.2	0.0288	0.0171	0.0045	27.03	45.46	174.26	0.00	-0.35	-1.86	0.0
52705	839.8	528.8	-1146.4	-95.0	249.1	232.3	0.0288	0.0171	0.0045	30.68	51.60	197.81	0.00	-0.33	-2.09	0.0
52706	808.2	508.9	-1220.8	-108.6	269.1	241.1	0.0288	0.0171	0.0045	29.91	50.29	192.80	0.00	-0.34	-2.15	0.0
52707	879.6	577.2	-1117.8	-80.0	220.9	210.1	0.0288	0.0171	0.0045	31.73	53.36	204.57	0.00	-0.32	-2.08	0.0
52708	853.8	573.7	-1139.0	-75.6	209.5	204.3	0.0288	0.0171	0.0045	30.75	51.71	198.23	0.00	-0.30	-2.07	0.0
52709	881.5	597.3	-1106.9	-67.2	200.9	204.0	0.0288	0.0171	0.0045	31.56	53.07	203.46	0.00	-0.29	-2.06	0.0
52710	853.8	597.5	-1133.5	-43.5	188.6	200.6	0.0288	0.0171	0.0045	30.34	51.02	195.59	0.00	-0.26	-2.05	0.0
52775	119.3	519.2	-1010.8	-389.4	362.8	232.8	0.0288	0.0171	0.0140	26.28	44.20	54.22	0.00	-0.70	-1.94	0.0
52776	224.9	523.7	-1017.5	-392.6	301.0	226.3	0.0288	0.0171	0.0140	27.58	46.38	56.90	0.00	-0.71	-1.94	0.0
52777	307.9	532.7	-1023.8	-389.8	259.4	229.0	0.0288	0.0171	0.0140	28.69	48.25	59.19	0.00	-0.71	-1.95	0.0
52778	371.0	540.1	-1030.8	-384.4	-232.8	228.8	0.0288	0.0171	0.0140	31.37	52.75	64.71	0.00	-0.84	-1.99	0.0
52779	413.5	533.4	-1041.5	-376.3	220.7	220.6	0.0288	0.0171	0.0140	29.68	49.90	61.22	0.00	-0.68	-1.98	0.0
52780	426.6	510.7	-1059.7	-359.1	224.8	-200.9	0.0288	0.0171	0.0140	30.43	51.17	62.78	0.00	-0.77	-1.98	0.0
52781	394.0	464.7	-1112.3	-318.3	240.1	-200.4	0.0288	0.0171	0.0140	27.77	46.69	57.28	0.00	-0.69	-1.96	0.0
52782	259.1	371.0	-1087.7	-233.4	339.5	-259.8	0.0288	0.0171	0.0022	32.54	34.67	34.67	0.00	-0.71	-1.35	15.0
52783	-479.1	-260.7	-3694.9	223.4	1723.5	-478.2	0.0288	0.0171	0.0057	9.39	15.79	47.81	0.00	-0.47	-4.78	0.0
52784	-1150.4	-887.2	-6469.9	323.4	344.7	409.0	0.0288	0.0171	0.0057				-0.62	-1.37	-6.52	
52785	-541.6	-406.9	-3979.6	324.9	-1678.5	717.4	0.0288	0.0171	0.0057	5.00	8.42	25.47	0.00	-0.41	-4.95	0.0
52786	307.1	247.9	-1355.1	227.4	-518.6	415.7	0.0288	0.0171	0.0057	18.07	30.39	92.00	0.00	-0.22	-2.14	0.0
52787	615.1	433.5	-1208.5	137.6	-321.8	272.8	0.0288	0.0171	0.0045	24.49	41.18	157.85	0.00	-0.26	-2.02	0.0
52788	762.4	530.1	-1103.1	92.4	-217.9	209.2	0.0288	0.0171	0.0045	27.98	47.05	180.35	0.00	-0.27	-1.96	0.0
52789	827.7	573.8	-1106.0	61.7	-202.2	211.0	0.0288	0.0171	0.0045	29.67	49.90	191.29	0.00	-0.26	-2.01	0.0
52790	863.8	596.0	-1101.8	-56.6	187.4	202.9	0.0288	0.0171	0.0045	30.78	51.76	198.43	0.00	-0.27	-2.03	0.0
52791	134.6	463.5	-1009.4	-359.6	342.5	236.4	0.0288	0.0171	0.0140	24.12	40.55	49.75	0.00	-0.63	-1.87	0.0
52792	232.0	471.7	-1014.5	-367.5	294.9	234.1	0.0288	0.0171	0.0140	25.64	43.12	52.90	0.00	-0.65	-1.88	0.0
52793	304.1	486.1	-1019.5	-368.7	262.7	241.1	0.0288	0.0171	0.0140	26.92	45.27	55.53	0.00	-0.65	-1.91	0.0
52794	352.3	500.5	-1025.9	-365.4	239.5	241.1	0.0288	0.0171	0.0140	27.77	46.70	57.30	0.00	-0.65	-1.92	0.0
52795	385.1	496.9	-1037.1	-353.7	227.1	226.7	0.0288	0.0171	0.0140	27.75	46.67	57.25	0.00	-0.63	-1.92	0.0
52796	399.1	481.4	-1053.3	-330.2	221.7	206.7	0.0288	0.0171	0.0140	26.84	45.13	55.36	0.00	-0.59	-1.90	0.0
52797	376.7	446.3	-1092.0	-291.4	237.8	-205.4	0.0288	0.0171	0.0140	26.30	44.22	54.25	0.00	-0.64	-1.90	0.0
52798	246.7	355.9	-1184.5	-218.1	378.6	-186.8	0.0288	0.0171	0.0022	21.16	35.59	272.88	0.00	-0.51	-1.90	0.0
52799	-272.9	-64.3	-2753.8	150.7	1154.6	-1407.8	0.0288	0.0171	0.0057	23.97	40.30	121.99	0.00	-0.75	-4.41	0.0
52800	-917.0	-665.2	-5398.1	263.3	812.7	-1610.6	0.0288	0.0171	0.0057				-0.17	-0.77	-6.04	
52801	-695.2	-562.5	-4797.0	310.9	-1184.6	757.2	0.0288	0.0171	0.0057				-0.29	-0.50	-5.26	
52802	134.5	87.4	-1981.6	245.4	-974.6	836.2	0.0288	0.0171	0.0057	18.88	31.75	96.12	0.00	-0.21	-3.18	0.0
52803	593.2	428.9	-1061.7	135.1	-244.4	-202.5	0.0288	0.0171	0.0045	25.14	42.27	162.05	0.00	-0.37	-1.84	0.0
52804	723.9	509.4	-1174.4	75.4	-237.7	253.5	0.0288	0.0171	0.0045	26.46	44.49	170.55	0.00	-0.22	-2.00	0.0
52805	798.0	568.3	-1129.6	41.3	-193.8	200.1	0.0288	0.0171	0.0045	28.44	47.83	183.36	0.00	-0.23	-1.99	0.0
52806	834.7	595.4	-1128.8	14.5	-175.0	200.5	0.0288	0.0171	0.0045	29.52	49.64	190.30	0.00	-0.23	-2.02	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
52807	709.2	467.1	-624.2	235.8	1943.2	440.6	0.0216	0.0272	0.0244	102.26	81.34	90.54	0.00	-1.84	-4.24	0.0
52812	622.0	484.4	-662.1	-500.3	1586.4	740.0	0.0220	0.0270	0.0244	76.82	62.62	69.21	0.00	-0.89	-3.74	0.0
52817	52.6	305.4	-903.2	-167.6	223.0	495.0	0.0216	0.0159	0.0244	23.08	31.42	20.43	0.00	-0.40	-1.64	0.0
52822	29.8	292.1	-895.0	-145.9	259.2	484.6	0.0220	0.0157	0.0244	21.41	30.02	19.29	0.00	-0.37	-1.61	0.0
52827	126.1	267.3	-1005.6	153.6	232.5	373.4	0.0401	0.0171	0.0140	12.33	28.88	35.43	0.00	-0.47	-1.63	0.0
52828	93.7	335.7	-1031.9	-229.8	377.9	308.7	0.0401	0.0171	0.0140	11.94	27.96	34.30	0.00	-0.33	-1.71	0.0
52829	-88.2	421.9	-1026.7	-297.3	497.0	281.6	0.0401	0.0171	0.0140	13.98	32.73	40.15	0.00	-0.49	-1.88	0.0
52830	-47.6	478.7	-1011.4	-343.7	491.2	265.6	0.0401	0.0171	0.0140	16.17	37.88	46.47	0.00	-0.58	-1.95	0.0
52831	23.6	506.2	-1007.3	-374.5	434.1	249.6	0.0288	0.0171	0.0140	24.67	41.48	50.89	0.00	-0.66	-1.95	0.0
52832	121.7	216.9	-1007.4	118.3	233.3	356.6	0.0401	0.0171	0.0140	10.56	24.73	30.34	0.00	-0.38	-1.56	0.0
52833	51.2	301.1	-1027.1	-166.2	370.9	309.0	0.0401	0.0171	0.0140	9.91	23.21	28.47	0.00	-0.25	-1.62	0.0
52834	-89.6	381.4	-1021.0	-249.7	461.3	285.5	0.0401	0.0171	0.0140	12.34	28.89	35.44	0.00	-0.43	-1.78	0.0
52835	-28.6	430.5	-1008.9	-304.2	450.1	267.7	0.0401	0.0171	0.0140	14.54	34.05	41.77	0.00	-0.51	-1.85	0.0
52836	43.5	451.6	-1006.5	-340.1	400.3	250.9	0.0288	0.0171	0.0140	22.38	37.63	46.16	0.00	-0.58	-1.86	0.0
52901	260.4	2.3	-734.9	-11.4	-70.6	24.3	0.0266	0.0067	0.0127	10.01	39.89	20.93	0.00	-0.26	-1.01	0.0
52902	268.1	6.9	-776.4	-31.9	63.0	31.1	0.0263	0.0068	0.0127	10.45	40.59	21.66	0.00	-0.27	-1.06	0.0
52903	268.7	10.9	-813.6	-50.4	-66.3	41.7	0.0259	0.0070	0.0127	10.93	40.40	22.27	0.00	-0.28	-1.10	0.0
52904	260.2	19.1	-832.8	-68.5	-71.7	49.8	0.0252	0.0073	0.0127	11.26	38.76	22.37	0.00	-0.28	-1.12	0.0
52905	250.6	30.7	-846.8	-86.2	-73.1	57.5	0.0244	0.0078	0.0127	11.78	36.99	22.60	0.00	-0.29	-1.14	0.0
52906	238.7	45.0	-860.9	-102.5	-73.5	65.6	0.0233	0.0083	0.0127	12.44	35.07	22.86	0.00	-0.29	-1.16	0.0
52907	224.4	61.8	-875.2	-116.7	79.7	74.0	0.0222	0.0089	0.0127	12.93	32.27	22.55	0.00	-0.27	-1.17	0.0
52908	207.9	80.5	-889.8	-128.4	85.1	82.6	0.0208	0.0095	0.0127	13.84	30.22	22.68	0.00	-0.27	-1.19	0.0
52909	190.1	100.5	-904.5	-137.3	88.9	91.2	0.0194	0.0103	0.0127	14.94	28.28	22.82	0.00	-0.27	-1.21	0.0
52910	171.6	121.5	-918.8	-143.6	90.9	99.3	0.0179	0.0110	0.0127	16.32	26.57	23.00	0.00	-0.27	-1.23	0.0
52911	153.0	143.5	-932.3	-147.8	91.5	106.6	0.0164	0.0118	0.0127	18.09	25.17	23.31	0.00	-0.28	-1.25	0.0
52912	134.2	167.4	-945.1	-150.0	91.7	113.4	0.0148	0.0125	0.0127	20.37	24.10	23.78	0.00	-0.28	-1.27	0.0
52913	114.9	193.0	-957.5	-149.4	92.2	121.1	0.0133	0.0133	0.0127	23.24	23.29	24.36	0.00	-0.29	-1.29	0.0
52914	95.6	218.7	-968.7	-145.2	93.1	131.3	0.0119	0.0140	0.0127	26.76	22.66	25.00	0.00	-0.30	-1.31	0.0
52915	76.1	241.6	-973.1	-136.6	92.2	140.7	0.0127	0.0147	0.0127	25.44	22.00	25.45	0.00	-0.30	-1.32	0.0
52916	58.2	261.7	-964.2	-123.9	88.1	143.0	0.0115	0.0153	0.0127	28.51	21.35	25.74	0.00	-0.31	-1.32	0.0
52981	254.0	21.9	-729.2	-35.8	122.1	-26.3	0.0266	0.0067	0.0127	10.34	41.23	21.63	0.00	-0.26	-1.02	0.0
52982	285.1	14.6	-847.2	-35.0	114.6	18.6	0.0263	0.0068	0.0127	11.40	44.30	23.64	0.00	-0.29	-1.16	0.0
52983	266.7	15.7	-892.0	-48.2	92.1	32.2	0.0259	0.0070	0.0127	10.88	40.23	22.18	0.00	-0.27	-1.18	0.0
52984	259.1	24.6	-903.0	-66.9	92.6	39.1	0.0252	0.0073	0.0127	11.18	38.47	22.21	0.00	-0.27	-1.19	0.0
52985	250.8	35.0	-917.7	-84.7	94.0	47.0	0.0244	0.0078	0.0127	11.67	36.66	22.40	0.00	-0.27	-1.21	0.0
52986	240.7	48.6	-932.1	-101.6	96.2	54.8	0.0233	0.0083	0.0127	12.34	34.80	22.68	0.00	-0.28	-1.23	0.0
52987	228.4	64.9	-947.6	-117.0	98.0	62.8	0.0222	0.0089	0.0127	13.19	32.91	22.99	0.00	-0.28	-1.25	0.0
52988	214.0	83.7	-963.9	-130.4	99.0	71.1	0.0208	0.0095	0.0127	14.23	31.07	23.32	0.00	-0.28	-1.27	0.0
52989	197.9	104.4	-980.8	-141.5	98.7	79.4	0.0194	0.0103	0.0127	15.52	29.36	23.69	0.00	-0.28	-1.30	0.0
52990	180.6	126.6	-998.2	-150.4	97.0	87.4	0.0179	0.0110	0.0127	17.13	27.88	24.13	0.00	-0.29	-1.32	0.0
52991	162.3	150.6	-1015.7	-157.2	94.3	95.0	0.0164	0.0118	0.0127	19.16	26.65	24.69	0.00	-0.30	-1.35	0.0
52992	142.6	177.2	-1033.3	-161.1	91.4	102.5	0.0148	0.0125	0.0127	21.71	25.68	25.34	0.00	-0.31	-1.37	0.0
52993	122.3	206.6	-1051.3	-161.2	89.2	111.5	0.0133	0.0133	0.0127	24.92	24.97	26.12	0.00	-0.32	-1.40	0.0
52994	102.5	238.3	-1069.8	-157.9	87.7	125.0	0.0119	0.0140	0.0127	29.04	24.58	27.12	0.00	-0.33	-1.44	0.0
52995	84.9	271.1	-1086.2	-153.1	87.2	146.3	0.0127	0.0147	0.0127	28.51	24.65	28.51	0.00	-0.34	-1.47	0.0
52996	66.3	296.1	-1080.3	-141.5	85.0	159.1	0.0115	0.0153	0.0127	32.40	24.26	29.24	0.00	-0.35	-1.48	0.0
52997	379.7	274.8	-847.0	-114.3	132.8	177.3	0.0266	0.0171	0.0022	17.03	26.46	202.86	0.00	-0.21	-1.35	0.0
52998	397.3	284.3	-854.2	-113.4	136.8	177.5	0.0266	0.0171	0.0022	17.59	27.32	209.47	0.00	-0.21	-1.37	0.0
52999	412.1	293.3	-863.6	-118.1	141.8	178.4	0.0266	0.0171	0.0022	18.25	28.35	217.36	0.00	-0.22	-1.39	0.0
53000	425.8	296.5	-875.4	-125.5	147.2	179.7	0.0266	0.0171	0.0022	18.91	29.38	225.23	0.00	-0.24	-1.43	0.0
53001	438.0	294.6	-888.7	-133.6	152.6	181.5	0.0266	0.0171	0.0022	19.51	30.30	232.34	0.00	-0.26	-1.46	0.0
53002	448.1	289.1	-904.6	-142.4	158.3	183.5	0.0266	0.0171	0.0022	20.04	31.13	238.66	0.00	-0.28	-1.49	0.0
53003	455.5	280.9	-922.9	-152.4	164.0	186.0	0.0266	0.0171	0.0022	20.51	31.85	244.24	0.00	-0.30	-1.52	0.0
53004	459.5	270.7	-942.6	-163.6	170.1	189.3	0.0266	0.0171	0.0022	20.90	32.46	248.91	0.00	-0.33	-1.55	0.0
53005	458.7	259.0	-964.3	-175.3	176.6	193.9	0.0266	0.0171	0.0022	21.16	32.86	251.95	0.00	-0.35	-1.58	0.0
53006	452.0	245.7	-987.8	-184.4	184.3	200.5	0.0266	0.0171	0.0022	21.14	32.84	251.80	0.00	-0.37	-1.61	0.0
53007	436.6	235.7	-1013.0	-187.8	193.8	208.6	0.0266	0.0171	0.0022	20.73	32.20	246.92	0.00	-0.36	-1.63	0.0
53008	409.6	240.9	-1039.0	-186.3	206.7	215.8	0.0266	0.0171	0.0022	20.00	31.07	238.20	0.00	-0.34	-1.64	0.0
53009	372.2	265.3	-1063.9	-186.3	223.7	216.9	0.0266	0.0171	0.0022	19.33	30.02	230.19	0.00	-0.31	-1.65	0.0
53010	342.5	301.0	-1086.6	-187.7	235.9	209.3	0.0266	0.0171	0.0022	19.23	29.87	228.98	0.00	-0.30	-1.67	0.0
53011	342.4	330.3	-1110.8	-193.5	237.1	205.1	0.0288	0.0171	0.0022	18.42	30.97	237.48	0.00	-0.31	-1.72	0.0
53012	365.8	356.7	-1137.1	-206.6	262.2	215.6	0.0288	0.0171	0.0022	19.75	33.21	254.62	0.00	-0.33	-1.79	0.0
53013	357.3	190.7	-831.3	-82.8	145.0	175.0	0.0266	0.0171	0.0022	14.88	23.11	177.21	0.00	-0.19	-1.28	0.0
53014	368.9	208.7	-838.2	-83.9	148.3	174.0	0.0266	0.0171	0.0022	15.38	23.89	183.17	0.00	-0.19	-1.30	0.0
53015	378.8	222.9	-848.2	-94.9	152.2	174.8	0.0266	0.0171	0.0022	16.06	24.95	191.30	0.00	-0.20	-1.32	0.0
53016	389.0	227.8	-860.8	-108.8	156.2	176.1	0.0266	0.0171	0.0022	16.80	26.10	200.10	0.00	-0.23	-1.36	0.0
53017	397.6	227.8	-875.6	-122.8	160.0	177.3	0.0266	0.0171	0.0022	17.48	27.15	208.13	0.00	-0.25	-1.39	0.0
53018	403.7	225.8	-892.6	-137.0	163.7	178.9	0.0266	0.0171	0.0022	18.08	28.08	215.27	0.00	-0.28	-1.43	0.0
53019	407.2	222.8	-911.6	-151.5	167.2	180.8	0.0266	0.0171	0.0022	18.61	28.90	221.56	0.00	-0.31	-1.46	0.0
53020	407.5	219.2	-932.4	-165.8	170.7	183.1	0.0266	0.0171	0.0022	19.04	29.57	226.69	0.00	-0.33	-1.49	0.0
53021	403.7	215.8	-955.0	-178.7	174.4	186.0	0.0266	0.0171	0.0022	19.31	30.00	229.98	0.00	-0.35	-1.53	0.0
53022	394.8	213.7	-979.2	-187.7	178.7	189.7	0.0266	0.0171	0.0022	19.34	30.04	230.33	0.00	-0.36	-1.55	0.0
53023	378.9	216.7	-1004.8	-191.7	184.2	193.3	0.0266	0.0171	0.0022	19.08	29.63	227.21	0.00	-0.36	-1.57	0.0
53024	354.4	230.9	-1031.0	-193.3	192.0	195.0	0.0266	0.0171	0.0022	18.67	29.00	222.36	0.00	-0.35	-1.59	0.0
53025	324.9	258.3	-1056.8	-196.9	201.5	192.7	0.0266	0.0171	0.0022	18.49	28.72	220.18	0.00	-0.34	-1.61	0.0
53026	303.1	290.6	-1082.5	-202.0	209.1	188.7	0.0266	0.0171	0.0022	18.76	29.14	223.44	0.00	-0.34	-1.65	0.0
53027	300.4	319.1	-1109.9	-207.3	212.8	190.8	0.0288	0.0171	0.0022	17.96	30.20	231.59	0.00	-0.35	-1.69	0.0
53028	316.6	355.3	-1139.2	-217.8	246.5	208.9	0.0288	0.0171	0.0022	19.26	32.39	248.32	0.00	-0.36	-1.77	0.0
53029	338.3	118.7	-815.8	-60.1	141.9	159.6	0.0266	0.0171	0.0022	13.64	21.18	162.43	0.00	-0.22	-1.22	0.0
53030	342.6	153.1	-823.5	-63.6	145.1	157.5	0.0266	0.0171	0.0022	13.92	21.62	165.75	0.00	-0.20	-1.24	0.0
53031	349.4	171.9	-835.1	-80.9	147.3	159.7	0.0266	0.0171	0.0022	14.54	22.58	173.09	0.00	-0.21	-1.27	0.0
53032	357.8	176.5	-848.6	-98.4	150.5	160.4	0.0266	0.0171	0.0022	15.26	23.69	181.67	0.00	-0.23	-1.30	0.0
53033	363.6	178.4	-864.1	-114.9	153.3	161.4	0.0266	0.0171	0.0022	15.89	24.68	189.19	0.00	-0.26	-1.33	0.0
53034	366.6	180.1	-882.0	-131.4	155.7	162.9	0.0266	0.0171	0.0022	16.46	25.57	196.02	0.00	-0.28	-1.37	0.0
53035	366.8	181.9	-901.8	-147.9	157.9	164.4	0.0266	0.0171	0.0022	16.97	26.36	202.14	0.00	-0.31	-1.40	0.0
53036	364.1	184.5	-923.6	-163.4	160.1	166.3	0.0266	0.0171	0.0022	17.40	27.03	207.25	0.00	-0.33	-1.44	0.0
53037	357.8	188.4	-947.1	-176.8	162.2	168.4	0.0266	0.0171	0.0022	17.70	27.49	210.79	0.00	-0.35	-1.47	0.0
53038	347.1	195.0	-972.2	-186.5	164.7	170.6	0.0266	0.0171	0.0022	17.81	27.66	212.09	0.00	-0.35	-1.50	0.0
53039	330.6	207.1	-998.5	-192.5	168.0	172.4	0.0266	0.0171	0.0022	17.74	27.55	211.23	0.00	-0.35	-1.52	0.0
53040	307.8	227.3	-1025.6	-197.0	172.7	172.7	0.0266	0.0171	0.0022	17.63	27.39	209.97	0.00	-0.35	-1.55	0.0
53041	282.5	254.7	-1052.9	-202.0	178.0	171.4	0.0266	0.0171	0.0022	17.71	27.51	210.92	0.00	-0.35	-1.58	0.0
53042	263.6	283.6	-1080.9	-206.8	182.4	170.9	0.0266	0.0171	0.0022	18.06	28.06	215.12	0.00	-0.36	-1.61	0.0
53043	259.6	312.3	-1111.0	-211.2	185.7	176.6	0.0288	0.0171	0.0022	17.32	29.12	223.30	0.00	-0.37	-1.66	0.0
53044	274.2	355.1	-1142.9	-221.6	224.4	198.9	0.0288	0.0171	0.0022	18.75	31.52	241.70	0.00	-0.38	-1.75	0.0
53045	323.2	57.6	-799.9	44.0	148.0	120.9	0.0266	0.0171	0.0022	13.33	20.70	158.74	0.00	-0.29	-1.19	0.0
53046	318.6	116.5	-810.2	-48.0	143.1	126.5	0.0266	0.0171	0.0022	12.83	19.93	152.79	0.00	-0.21	-1.19	0.0
53047	322.9	132.9	-832.2	-71.9	141.9	131.9	0.0266	0.0171	0.0022	13.35	20.73	158.94	0.00	-0.22	-1.22	0.0
53048	329.8	135.3	-844.1	-88.2	144.5	130.9	0.0266	0.0171	0.0022	13.94	21.65	165.98	0.00	-0.24	-1.25	0.0
53049	332.8	140.0	-860.9	-104.1	145.2	133.2	0.0266	0.0171	0.0022	14.43	22.41	171.83	0.00	-0.26	-1.28	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
53050	333.0	145.4	-879.4	-120.6	145.8	135.1	0.0266	0.0171	0.0022	14.90	23.14	177.44	0.00	-0.28	-1.31	0.0
53051	330.4	152.0	-900.1	-137.3	146.1	137.3	0.0266	0.0171	0.0022	15.34	23.83	182.70	0.00	-0.30	-1.35	0.0
53052	324.9	160.2	-922.7	-153.0	146.1	139.8	0.0266	0.0171	0.0022	15.74	24.44	187.40	0.00	-0.31	-1.38	0.0
53053	316.4	170.6	-947.0	-166.8	146.0	142.4	0.0266	0.0171	0.0022	16.05	24.93	191.15	0.00	-0.33	-1.41	0.0
53054	304.3	184.2	-973.0	-177.6	145.9	145.0	0.0266	0.0171	0.0022	16.26	25.26	193.65	0.00	-0.34	-1.44	0.0
53055	287.6	202.5	-1000.1	-185.9	146.4	147.1	0.0266	0.0171	0.0022	16.39	25.46	195.19	0.00	-0.34	-1.48	0.0
53056	266.2	225.8	-1028.1	-192.6	147.5	148.4	0.0266	0.0171	0.0022	16.53	25.67	196.85	0.00	-0.35	-1.51	0.0
53057	243.1	252.2	-1056.8	-198.3	148.9	149.6	0.0266	0.0171	0.0022	16.77	26.04	199.65	0.00	-0.36	-1.54	0.0
53058	223.9	278.5	-1086.5	-202.7	149.8	152.6	0.0266	0.0171	0.0022	17.14	26.62	204.08	0.00	-0.37	-1.58	0.0
53059	217.3	308.2	-1118.9	-207.5	149.8	162.1	0.0288	0.0171	0.0022	16.52	27.78	213.03	0.00	-0.39	-1.63	0.0
53060	235.0	357.4	-1153.4	-220.9	190.4	189.5	0.0288	0.0171	0.0022	18.27	30.72	235.54	0.00	-0.40	-1.74	0.0
53061	356.5	24.8	-575.6	41.7	265.7	-158.6	0.0266	0.0171	0.0022	16.05	24.93	191.11	0.00	-0.36	-1.11	0.0
53062	294.4	82.1	-885.1	-55.6	158.0	88.5	0.0266	0.0171	0.0022	12.15	18.88	144.72	0.00	-0.24	-1.24	0.0
53063	298.6	86.0	-864.7	-68.1	161.4	-75.8	0.0266	0.0171	0.0022	12.94	20.10	154.12	0.00	-0.28	-1.24	0.0
53064	301.1	91.4	-885.4	-78.3	158.8	77.0	0.0266	0.0171	0.0022	12.81	19.89	152.53	0.00	-0.26	-1.25	0.0
53065	301.5	99.6	-900.2	-89.5	156.4	-82.8	0.0266	0.0171	0.0022	13.53	21.01	161.12	0.00	-0.29	-1.29	0.0
53066	298.8	109.4	-918.4	-102.2	153.5	-89.6	0.0266	0.0171	0.0022	13.82	21.47	164.58	0.00	-0.30	-1.31	0.0
53067	293.1	121.4	-938.1	-116.7	150.0	-97.2	0.0266	0.0171	0.0022	14.14	21.96	168.40	0.00	-0.31	-1.34	0.0
53068	284.6	135.6	-959.6	-132.1	145.8	-105.1	0.0266	0.0171	0.0022	14.49	22.51	172.61	0.00	-0.33	-1.37	0.0
53069	273.5	152.3	-982.6	-146.9	140.8	-113.0	0.0266	0.0171	0.0022	14.86	23.08	176.92	0.00	-0.34	-1.40	0.0
53070	259.6	171.9	-1006.9	-159.9	135.2	-120.5	0.0266	0.0171	0.0022	15.21	23.63	181.16	0.00	-0.35	-1.43	0.0
53071	242.6	194.5	-1032.3	-171.1	129.3	-127.6	0.0266	0.0171	0.0022	15.57	24.18	185.36	0.00	-0.37	-1.47	0.0
53072	222.4	219.0	-1058.8	-180.3	123.5	-134.4	0.0266	0.0171	0.0022	15.91	24.72	189.52	0.00	-0.38	-1.50	0.0
53073	200.1	243.0	-1086.1	-187.3	117.6	-141.7	0.0266	0.0171	0.0022	16.25	25.24	193.53	0.00	-0.40	-1.54	0.0
53074	178.9	266.1	-1114.4	-192.5	111.6	-151.2	0.0266	0.0171	0.0022	16.63	25.83	198.06	0.00	-0.42	-1.58	0.0
53075	162.0	296.6	-1145.9	-197.6	101.8	-167.5	0.0288	0.0171	0.0022	16.03	26.96	206.71	0.00	-0.44	-1.63	0.0
53076	176.0	364.8	-1179.1	-220.2	122.5	-212.0	0.0288	0.0171	0.0022	18.91	31.80	243.79	0.00	-0.51	-1.76	0.0
53141	320.7	423.5	-733.6	-449.6	757.3	749.8	0.0228	0.0266	0.0244	36.61	31.32	34.13	0.00	-0.14	-2.36	0.0
53142	89.4	258.8	-790.3	155.0	284.7	551.0	0.0240	0.0147	0.0244	25.92	42.34	25.47	0.00	-0.62	-1.69	0.0
53143	91.0	190.3	-795.5	127.0	293.4	457.3	0.0232	0.0140	0.0127	21.75	35.95	39.66	0.00	-0.50	-1.53	0.0
53144	90.5	153.4	-788.6	116.7	262.1	367.2	0.0133	0.0133	0.0127	30.95	31.00	32.44	0.00	-0.41	-1.37	0.0
53145	98.9	129.2	-782.8	111.8	229.3	287.6	0.0148	0.0125	0.0127	23.36	27.63	27.27	0.00	-0.35	-1.25	0.0
53146	111.3	111.0	-778.9	110.3	196.0	222.9	0.0164	0.0118	0.0127	18.49	25.72	23.82	0.00	-0.30	-1.16	0.0
53147	127.1	95.2	-776.9	109.4	166.1	172.7	0.0179	0.0110	0.0127	15.41	25.08	21.71	0.00	-0.27	-1.11	0.0
53148	144.7	80.2	-775.9	107.2	140.2	134.2	0.0194	0.0103	0.0127	13.41	25.39	20.48	0.00	-0.26	-1.07	0.0
53149	162.8	65.6	-775.5	103.0	117.7	104.7	0.0208	0.0095	0.0127	12.08	26.38	19.81	0.00	-0.25	-1.05	0.0
53150	180.7	51.6	-775.7	96.3	-105.3	82.2	0.0222	0.0089	0.0127	10.62	26.49	18.51	0.00	-0.22	-1.03	0.0
53151	197.9	38.6	-776.5	87.2	-106.9	65.2	0.0233	0.0083	0.0127	10.35	29.17	19.01	0.00	-0.23	-1.04	0.0
53152	214.1	27.0	-777.7	75.9	-106.5	52.5	0.0244	0.0078	0.0127	10.17	31.93	19.51	0.00	-0.24	-1.04	0.0
53153	229.2	17.0	-779.2	62.5	-105.1	43.1	0.0252	0.0073	0.0127	10.07	34.66	20.01	0.00	-0.25	-1.05	0.0
53154	244.3	9.6	-775.8	47.9	-106.8	35.5	0.0259	0.0070	0.0127	10.16	37.55	20.70	0.00	-0.26	-1.05	0.0
53155	253.0	5.8	-754.4	32.5	-109.6	26.9	0.0263	0.0068	0.0127	10.18	39.54	21.10	0.00	-0.26	-1.04	0.0
53156	254.7	1.9	-727.8	11.5	-96.3	23.0	0.0266	0.0067	0.0127	9.95	39.64	20.80	0.00	-0.26	-1.00	0.0
53221	71.1	260.8	-892.0	-147.2	298.1	499.0	0.0228	0.0153	0.0244	19.77	29.41	18.43	0.00	-0.29	-1.62	0.0
53222	91.6	215.6	-892.3	129.0	265.3	443.8	0.0240	0.0147	0.0244	20.40	33.34	20.06	0.00	-0.48	-1.58	0.0
53223	83.9	171.1	-886.5	112.2	232.4	369.2	0.0232	0.0140	0.0127	17.09	28.25	31.17	0.00	-0.39	-1.43	0.0
53224	87.6	140.9	-877.3	103.5	220.3	299.5	0.0133	0.0133	0.0127	25.16	25.20	26.37	0.00	-0.33	-1.33	0.0
53225	94.7	120.9	-869.1	100.2	199.1	238.0	0.0148	0.0125	0.0127	19.67	23.27	22.96	0.00	-0.28	-1.24	0.0
53226	106.3	105.6	-862.6	99.8	178.5	189.2	0.0164	0.0118	0.0127	16.22	22.57	20.90	0.00	-0.26	-1.19	0.0
53227	121.2	91.6	-857.6	99.7	160.1	150.8	0.0179	0.0110	0.0127	14.00	22.79	19.73	0.00	-0.25	-1.15	0.0
53228	137.9	78.0	-853.7	98.2	144.2	120.4	0.0194	0.0103	0.0127	12.50	23.66	19.09	0.00	-0.24	-1.13	0.0
53229	155.0	64.7	-850.9	94.6	130.2	96.1	0.0208	0.0095	0.0127	11.45	25.01	18.77	0.00	-0.23	-1.11	0.0
53230	172.1	51.9	-849.1	88.7	117.9	76.8	0.0222	0.0089	0.0127	10.71	26.72	18.67	0.00	-0.23	-1.10	0.0
53231	188.7	40.2	-848.4	80.6	-110.7	61.3	0.0233	0.0083	0.0127	9.84	27.74	18.08	0.00	-0.21	-1.10	0.0
53232	204.5	29.7	-849.0	70.3	-111.1	48.9	0.0244	0.0078	0.0127	9.71	30.49	18.63	0.00	-0.22	-1.10	0.0
53233	219.6	21.3	-849.4	58.3	-111.3	38.4	0.0252	0.0073	0.0127	9.68	33.29	19.22	0.00	-0.23	-1.11	0.0
53234	233.8	13.6	-853.9	43.7	-111.3	30.6	0.0259	0.0070	0.0127	9.73	35.97	19.83	0.00	-0.24	-1.12	0.0
53235	258.3	13.5	-825.9	31.5	-133.3	17.2	0.0263	0.0068	0.0127	10.54	40.94	21.85	0.00	-0.27	-1.12	0.0
53236	249.9	20.4	-722.8	36.5	-139.4	-27.2	0.0266	0.0067	0.0127	10.38	41.36	21.70	0.00	-0.26	-1.02	0.0
53237	79.4	385.7	-994.9	-354.9	316.0	237.5	0.0288	0.0171	0.0140	21.51	36.17	44.37	0.00	-0.62	-1.77	0.0
53238	121.6	302.4	-974.0	-373.0	248.6	219.4	0.0288	0.0171	0.0140	20.70	34.80	42.69	0.00	-0.65	-1.69	0.0
53239	139.3	238.2	-956.3	-342.0	221.2	212.6	0.0266	0.0171	0.0022	20.09	31.21	239.27	0.00	-0.59	-1.59	0.0
53240	130.5	191.7	-940.8	-301.5	193.5	212.3	0.0266	0.0171	0.0022	17.47	27.13	208.03	0.00	-0.52	-1.50	0.0
53241	118.0	172.7	-923.8	-277.8	167.5	208.5	0.0266	0.0171	0.0022	16.01	24.87	190.65	0.00	-0.48	-1.43	0.0
53242	117.4	181.0	-906.1	-258.7	-158.1	199.8	0.0266	0.0171	0.0022	17.19	26.70	204.70	0.00	-0.57	-1.41	0.0
53243	126.7	204.4	-889.4	-238.5	-151.9	190.8	0.0266	0.0171	0.0022	16.97	26.36	202.07	0.00	-0.53	-1.39	0.0
53244	143.2	228.3	-875.0	-217.3	-147.1	183.6	0.0266	0.0171	0.0022	16.87	26.21	200.95	0.00	-0.48	-1.37	0.0
53245	164.0	248.8	-862.7	-197.0	-143.1	178.9	0.0266	0.0171	0.0022	16.84	26.15	200.51	0.00	-0.44	-1.35	0.0
53246	187.4	266.0	-852.9	-178.4	-139.3	176.1	0.0266	0.0171	0.0022	16.84	26.16	200.59	0.00	-0.40	-1.34	0.0
53247	212.7	279.7	-844.8	-161.7	-135.7	174.6	0.0266	0.0171	0.0022	16.88	26.22	201.04	0.00	-0.37	-1.33	0.0
53248	239.5	289.1	-839.4	-147.8	-131.9	173.9	0.0266	0.0171	0.0022	16.95	26.33	201.87	0.00	-0.34	-1.33	0.0
53249	267.4	293.6	-836.9	-137.3	-128.1	173.8	0.0266	0.0171	0.0022	17.07	26.52	203.31	0.00	-0.31	-1.33	0.0
53250	296.8	291.8	-836.0	-130.6	-124.0	174.2	0.0266	0.0171	0.0022	17.26	26.81	205.56	0.00	-0.29	-1.33	0.0
53251	327.4	283.6	-837.6	-125.8	126.5	175.1	0.0266	0.0171	0.0022	16.29	25.31	194.03	0.00	-0.21	-1.32	0.0
53252	356.3	274.6	-841.5	-120.2	129.9	176.6	0.0266	0.0171	0.0022	16.63	25.83	198.05	0.00	-0.21	-1.33	0.0
53253	7.9	355.6	-993.4	-324.2	344.7	250.9	0.0288	0.0171	0.0140	19.12	32.15	39.44	0.00	-0.56	-1.73	0.0
53254	53.5	258.0	-967.8	-350.1	254.9	221.9	0.0288	0.0171	0.0140	18.09	30.42	37.31	0.00	-0.60	-1.62	0.0
53255	76.2	199.1	-946.6	-325.7	217.7	204.3	0.0266	0.0171	0.0022	17.64	27.40	210.10	0.00	-0.56	-1.52	0.0
53256	82.1	166.6	-928.0	-290.2	192.0	197.2	0.0266	0.0171	0.0022	15.71	24.41	187.13	0.00	-0.50	-1.44	0.0
53257	84.6	149.8	-910.0	-261.9	171.8	193.5	0.0266	0.0171	0.0022	14.36	22.30	170.98	0.00	-0.45	-1.37	0.0
53258	93.6	149.0	-892.2	-238.7	157.1	188.6	0.0266	0.0171	0.0022	13.64	21.18	162.41	0.00	-0.41	-1.33	0.0
53259	109.2	161.2	-875.6	-215.7	147.4	182.9	0.0266	0.0171	0.0022	13.30	20.66	158.42	0.00	-0.37	-1.29	0.0
53260	129.1	177.8	-860.8	-192.3	-144.7	178.0	0.0266	0.0171	0.0022	14.64	22.73	174.29	0.00	-0.43	-1.29	0.0
53261	151.8	193.5	-848.1	-169.9	-142.8	174.5	0.0266	0.0171	0.0022	14.47	22.48	172.34	0.00	-0.38	-1.27	0.0
53262	176.0	206.8	-837.7	-149.4	-141.0	172.3	0.0266	0.0171	0.0022	14.36	22.31	171.06	0.00	-0.34	-1.26	0.0
53263	201.2	217.2	-829.5	-131.3	-139.0	171.1	0.0266	0.0171	0.0022	14.31	22.23	170.43	0.00	-0.30	-1.25	0.0
53264	226.8	224.3	-823.6	119.7	-136.7	170.6	0.0266	0.0171	0.0022	13.00	20.19	154.80	0.00	-0.19	-1.22	0.0
53265	252.3	227.3	-820.0	106.1	135.6	170.6	0.0266	0.0171	0.0022	14.47	22.48	172.36	0.00	-0.25	-1.24	0.0
53266	278.4	223.9	-819.0	-100.0	137.6	170.9	0.0266	0.0171	0.0022	13.34	20.71	158.82	0.00	-0.16	-1.22	0.0
53267	307.5	209.9	-820.7	-97.7	140.7	171.7	0.0266	0.0171	0.0022	13.86	21.53	165.07	0.00	-0.17	-1.24	0.0
53268	336.7	191.2	-825.5	-92.1	144.3	174.3	0.0266	0.0171	0.0022	14.44	22.43	172.01	0.00	-0.19	-1.26	0.0
53269	-54.0	305.4	-997.7	-269.0	351.4	268.3	0.0401	0.0171	0.0140	11.31	26.48	32.49	0.00	-0.46	-1.65	0.0
53270	-0.8	205.5	-963.5	-302.7	254.5	230.9	0.0288	0.0171	0.0140	14.70	24.72	30.33	0.00	-0.51	-1.52	0.0
53271	28.4	165.2	-938.9	-287.6	215.5	202.7	0.0266	0.0171	0.0022	14.77	22.94	175.90	0.00	-0.49	-1.44	0.0
53272	42.9	147.4	-918.0	-260.1	192.7	187.8	0.0266	0.0171	0.0022	13.56	21.07	161.53	0.00	-0.44	-1.37	0.0
53273	54.4	134.5	-898.6	-234.9	176.0	179.8	0.0266	0.0171	0.0022	12.53	19.46	149.18	0.00	-0.40	-1.31	0.0
53274	69.8	128.5	-880.2	-213.1	163.1	173.8	0.0266	0.0171	0.0022	11.83	18.38	140.89	0.00	-0.36	-1.26	0.0
53275	89.3	131.8	-863.2	-191.4	153.7	168.3	0.0266	0.0171	0.0022	11.41	17.72	135.89	0.00	-0.32	-1.23	0.0
53276	111.5	141.1	-848.0	-169.0	147.1	163.6	0.0266	0.0171	0.0022	11.14	17.30	132.68	0.00	-0.28	-1.20	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
53277	135.4	151.9	-834.9	-147.1	142.5	160.1	0.0266	0.0171	0.0022	10.95	17.01	130.39	0.00	-0.24	-1.18	0.0
53278	160.2	161.6	-824.0	134.1	139.5	157.8	0.0266	0.0171	0.0022	12.52	19.45	149.16	0.00	-0.31	-1.20	0.0
53279	185.5	169.2	-815.4	125.4	137.7	156.4	0.0266	0.0171	0.0022	12.79	19.86	152.29	0.00	-0.29	-1.19	0.0
53280	210.6	174.0	-809.3	114.0	137.0	155.6	0.0266	0.0171	0.0022	12.94	20.11	154.16	0.00	-0.27	-1.19	0.0
53281	234.7	176.0	-805.7	99.4	137.4	155.6	0.0266	0.0171	0.0022	12.97	20.15	154.48	0.00	-0.24	-1.19	0.0
53282	256.9	173.2	-804.4	-79.6	138.2	156.2	0.0266	0.0171	0.0022	11.52	17.90	137.22	0.00	-0.14	-1.16	0.0
53283	284.2	154.9	-805.1	-81.7	138.9	155.4	0.0266	0.0171	0.0022	12.30	19.10	146.45	0.00	-0.17	-1.18	0.0
53284	318.1	119.6	-809.8	-78.3	143.4	159.0	0.0266	0.0171	0.0022	13.24	20.56	157.62	0.00	-0.22	-1.21	0.0
53285	-30.8	242.2	-1003.7	-178.6	298.9	288.9	0.0401	0.0171	0.0140	8.63	20.22	24.80	0.00	-0.32	-1.51	0.0
53286	-28.7	164.3	-964.3	-222.6	233.5	245.2	0.0401	0.0171	0.0140	7.88	18.45	22.63	0.00	-0.37	-1.40	0.0
53287	0.7	144.9	-935.9	-221.2	206.2	206.9	0.0266	0.0171	0.0022	11.56	17.95	137.61	0.00	-0.37	-1.34	0.0
53288	17.6	133.2	-914.0	-207.6	190.5	183.3	0.0266	0.0171	0.0022	10.97	17.03	130.59	0.00	-0.35	-1.29	0.0
53289	33.2	122.7	-893.7	-193.3	178.1	168.8	0.0266	0.0171	0.0022	10.40	16.16	123.88	0.00	-0.33	-1.24	0.0
53290	51.3	114.9	-874.9	-179.0	167.4	158.6	0.0266	0.0171	0.0022	9.97	15.48	118.67	0.00	-0.30	-1.20	0.0
53291	72.1	112.2	-857.6	-163.1	158.9	150.4	0.0266	0.0171	0.0022	9.64	14.98	114.83	0.00	-0.27	-1.17	0.0
53292	94.8	114.6	-842.3	-145.1	152.5	143.8	0.0266	0.0171	0.0022	9.40	14.60	111.98	0.00	-0.24	-1.14	0.0
53293	118.9	119.8	-829.0	132.2	147.6	138.5	0.0266	0.0171	0.0022	10.83	16.82	129.00	0.00	-0.30	-1.15	0.0
53294	143.7	125.4	-817.9	126.6	144.1	134.5	0.0266	0.0171	0.0022	11.14	17.30	132.67	0.00	-0.29	-1.15	0.0
53295	168.8	129.8	-809.2	118.7	141.7	131.6	0.0266	0.0171	0.0022	11.40	17.70	135.71	0.00	-0.27	-1.15	0.0
53296	193.5	132.5	-803.0	108.1	140.1	129.7	0.0266	0.0171	0.0022	11.57	17.97	137.79	0.00	-0.26	-1.14	0.0
53297	217.0	132.9	-798.7	94.4	139.3	127.8	0.0266	0.0171	0.0022	11.64	18.08	138.66	0.00	-0.24	-1.14	0.0
53298	236.3	133.0	-799.7	76.1	139.9	129.6	0.0266	0.0171	0.0022	11.56	17.96	137.68	0.00	-0.21	-1.14	0.0
53299	255.5	117.7	-791.0	-68.8	133.8	125.1	0.0266	0.0171	0.0022	10.90	16.93	129.84	0.00	-0.17	-1.12	0.0
53300	298.3	58.4	-793.7	-72.5	130.8	120.5	0.0266	0.0171	0.0022	12.29	19.09	146.34	0.00	-0.26	-1.15	0.0
53301	64.1	207.6	-997.1	104.8	188.0	321.4	0.0401	0.0171	0.0140	9.09	21.28	26.11	0.00	-0.36	-1.46	0.0
53302	-1.8	164.9	-970.2	-117.6	179.4	275.5	0.0401	0.0171	0.0140	6.31	14.77	18.12	0.00	-0.24	-1.32	0.0
53303	-1.0	142.9	-946.2	-123.4	188.0	238.6	0.0379	0.0171	0.0022	6.01	13.31	102.02	0.00	-0.22	-1.27	0.0
53304	10.1	129.6	-927.5	-127.2	185.4	205.8	0.0266	0.0171	0.0022	8.14	12.64	96.92	0.00	-0.21	-1.22	0.0
53305	23.4	119.9	-910.5	-131.4	181.0	180.0	0.0266	0.0171	0.0022	8.03	12.48	95.66	0.00	-0.21	-1.20	0.0
53306	39.7	111.4	-894.9	-132.2	176.0	159.1	0.0266	0.0171	0.0022	8.00	12.43	95.32	0.00	-0.21	-1.17	0.0
53307	59.0	104.0	-880.8	-128.1	171.9	141.8	0.0266	0.0171	0.0022	7.95	12.35	94.68	0.00	-0.20	-1.15	0.0
53308	80.3	98.4	-868.5	119.2	168.7	127.0	0.0266	0.0171	0.0022	9.31	14.46	110.90	0.00	-0.28	-1.16	0.0
53309	103.0	94.5	-857.9	118.8	166.2	114.1	0.0266	0.0171	0.0022	9.52	14.79	113.39	0.00	-0.27	-1.15	0.0
53310	126.6	91.9	-849.2	116.0	164.4	103.1	0.0266	0.0171	0.0022	9.77	15.17	116.32	0.00	-0.27	-1.14	0.0
53311	150.6	89.9	-842.6	110.9	163.1	93.6	0.0266	0.0171	0.0022	10.02	15.56	119.32	0.00	-0.26	-1.14	0.0
53312	174.5	87.9	-837.8	103.0	162.1	85.4	0.0266	0.0171	0.0022	10.26	15.93	122.14	0.00	-0.25	-1.14	0.0
53313	197.1	85.2	-836.6	92.2	161.2	79.4	0.0266	0.0171	0.0022	10.45	16.22	124.40	0.00	-0.24	-1.14	0.0
53314	217.9	83.4	-829.7	78.6	159.4	-74.4	0.0266	0.0171	0.0022	10.03	15.58	119.44	0.00	-0.20	-1.13	0.0
53315	229.3	81.2	-864.5	58.7	160.5	89.3	0.0266	0.0171	0.0022	10.47	16.26	124.65	0.00	-0.22	-1.17	0.0
53316	271.0	24.8	-570.5	-64.1	-241.6	-158.3	0.0266	0.0171	0.0022	12.67	19.68	150.86	0.00	-0.27	-1.01	0.0
53325	4.1	303.7	-994.2	36.0	51.9	-159.8	0.0081	0.0170	0.0127	40.27	19.15	25.64	0.00	-0.32	-1.34	0.0
53326	6.4	304.7	-1000.7	44.1	55.4	-159.7	0.0082	0.0169	0.0127	39.95	19.37	25.83	0.00	-0.32	-1.35	0.0
53335	22.9	340.7	-1101.3	40.0	35.7	-181.8	0.0081	0.0170	0.0127	45.35	21.57	28.87	0.00	-0.35	-1.49	0.0
53336	23.9	337.0	-1108.7	42.9	41.7	-181.7	0.0082	0.0169	0.0127	44.26	21.46	28.61	0.00	-0.34	-1.50	0.0
53337	411.7	499.1	-1280.1	155.6	328.3	-233.8	0.0288	0.0171	0.0022	21.42	36.03	276.22	0.00	-0.23	-1.99	0.0
53338	411.1	484.8	-1285.8	155.2	327.1	-233.8	0.0288	0.0171	0.0022	21.10	35.48	272.01	0.00	-0.22	-1.99	0.0
53339	335.6	478.9	-1282.0	140.7	332.2	-248.0	0.0288	0.0171	0.0022	19.66	33.05	253.43	0.00	-0.21	-1.95	0.0
53340	335.6	469.0	-1287.9	140.5	330.6	-247.6	0.0288	0.0171	0.0022	19.40	32.62	250.07	0.00	-0.21	-1.95	0.0
53341	278.8	462.0	-1285.8	133.8	321.4	-250.5	0.0288	0.0171	0.0022	18.62	31.32	240.13	0.00	-0.23	-1.93	0.0
53342	279.5	454.4	-1291.8	133.1	319.7	-249.7	0.0288	0.0171	0.0022	18.39	30.93	237.13	0.00	-0.22	-1.92	0.0
53343	232.7	448.3	-1295.5	132.8	289.3	-255.7	0.0288	0.0171	0.0022	18.04	30.33	232.55	0.00	-0.26	-1.91	0.0
53344	235.6	439.7	-1301.6	129.4	288.8	-253.6	0.0288	0.0171	0.0022	17.70	29.77	228.23	0.00	-0.25	-1.90	0.0
53345	166.6	460.5	-1285.6	142.9	182.2	309.8	0.0288	0.0171	0.0022	20.35	34.23	262.43	0.00	-0.48	-1.94	0.0
53346	172.1	452.8	-1293.4	147.9	181.9	-305.1	0.0288	0.0171	0.0022	18.84	31.69	242.94	0.00	-0.38	-1.91	0.0
53411	1009.8	834.8	-1224.0	61.7	190.5	179.3	0.0288	0.0171	0.0045	36.61	61.55	235.98	0.00	-0.23	-2.31	0.0
53412	1007.5	831.1	-1229.5	24.4	191.4	178.2	0.0288	0.0171	0.0045	35.83	60.25	230.98	0.00	-0.19	-2.29	0.0
53413	1011.2	825.7	-1230.0	63.9	202.2	179.5	0.0288	0.0171	0.0045	36.74	61.78	236.83	0.00	-0.25	-2.32	0.0
53414	1006.1	824.5	-1235.1	34.4	203.2	-177.7	0.0288	0.0171	0.0045	35.63	59.91	229.66	0.00	-0.19	-2.29	0.0
53415	987.3	809.9	-1237.2	76.2	217.9	178.6	0.0288	0.0171	0.0045	36.35	61.13	234.34	0.00	-0.26	-2.32	0.0
53416	977.6	813.3	-1245.5	54.8	219.3	179.2	0.0288	0.0171	0.0045	35.59	59.84	229.42	0.00	-0.22	-2.31	0.0
53417	919.0	778.8	-1262.3	102.6	246.0	194.2	0.0288	0.0171	0.0045	35.24	59.26	227.18	0.00	-0.29	-2.32	0.0
53418	906.0	793.9	-1251.6	87.6	240.9	-181.0	0.0288	0.0171	0.0045	33.41	56.18	215.36	0.00	-0.18	-2.26	0.0
53419	742.7	716.3	-1284.3	131.8	329.6	-201.8	0.0288	0.0171	0.0045	30.18	50.74	194.53	0.00	-0.20	-2.23	0.0
53420	729.8	738.5	-1376.6	128.6	347.7	239.6	0.0288	0.0171	0.0045	32.55	54.73	209.82	0.00	-0.33	-2.39	0.0
53421	179.0	408.8	-2383.4	116.7	1015.9	911.0	0.0288	0.0171	0.0045	33.77	56.80	217.73	0.00	-0.80	-3.91	0.0
53422	383.4	631.4	-1462.6	131.8	511.6	387.6	0.0288	0.0171	0.0045	29.05	48.85	187.27	0.00	-0.47	-2.48	0.0
53423	-615.3	-176.3	-5095.8	78.2	1042.6	655.0	0.0288	0.0171	0.0057	0.52	0.88	2.67	0.00	-0.52	-5.42	0.0
53424	-405.2	42.4	-4169.1	86.4	1549.6	568.8	0.0288	0.0171	0.0057	13.77	23.15	70.07	0.00	-0.55	-5.17	0.0
53425	-262.1	24.6	-3923.5	-76.7	-1666.1	-338.4	0.0288	0.0171	0.0057	13.54	22.77	68.93	0.00	-0.35	-4.98	0.0
53426	-267.3	30.1	-4022.3	-64.0	-1677.3	576.3	0.0288	0.0171	0.0057	18.39	30.93	93.62	0.00	-0.60	-5.25	0.0
53427	612.0	557.3	-1252.4	-89.6	-301.8	220.1	0.0288	0.0171	0.0022	28.76	42.21	42.19	0.00	-0.28	-1.45	11.3
53428	603.7	551.1	-1251.7	-92.0	-305.2	-199.6	0.0288	0.0171	0.0022	24.66	37.43	0.00	0.00	-0.08	-1.36	9.7
53429	810.4	588.8	-1318.3	-95.3	206.0	-183.9	0.0288	0.0171	0.0022	31.38	49.33	49.33	0.00	-0.30	-1.48	6.4
53430	805.1	573.2	-1324.8	-99.4	206.5	186.4	0.0288	0.0171	0.0022	30.18	44.02	0.00	0.00	-0.18	-1.39	8.3
53431	836.9	604.0	-1273.4	-94.3	249.4	-182.3	0.0288	0.0171	0.0022	33.83	46.91	46.84	0.00	-0.27	-1.45	15.0
53432	832.7	585.0	-1278.6	-96.5	249.7	-186.4	0.0288	0.0171	0.0022	33.70	46.28	46.24	0.00	-0.28	-1.45	15.0
53433	796.0	597.7	-1277.6	-90.5	268.0	-185.9	0.0288	0.0171	0.0022	32.13	48.38	48.37	0.00	-0.28	-1.46	9.4
53434	792.5	577.8	-1282.6	-91.1	268.3	-188.3	0.0288	0.0171	0.0022	31.37	51.09	51.09	0.00	-0.33	-1.47	5.3
53435	725.4	583.1	-1279.0	-86.2	281.1	-187.9	0.0288	0.0171	0.0022	31.00	43.77	43.56	0.00	-0.25	-1.46	15.0
53436	722.6	563.9	-1284.0	-84.8	281.2	-190.7	0.0288	0.0171	0.0022	29.86	45.53	45.53	0.00	-0.27	-1.47	8.8
53437	640.6	562.9	-1281.2	97.6	291.2	-189.9	0.0288	0.0171	0.0022	26.06	38.46	0.00	0.00	-0.10	-1.38	12.7
53438	638.6	545.3	-1286.2	95.1	291.2	-192.6	0.0288	0.0171	0.0022	25.90	37.26	0.00	0.00	-0.10	-1.39	15.0
53439	554.3	539.5	-1281.9	116.9	300.6	-192.3	0.0288	0.0171	0.0022	24.31	37.17	0.00	0.00	-0.13	-1.39	9.9
53440	552.8	524.1	-1286.9	115.9	300.2	-194.7	0.0288	0.0171	0.0022	24.16	36.29	0.00	0.00	-0.13	-1.40	11.3
53441	481.6	518.3	-1280.8	145.4	314.5	-207.6	0.0288	0.0171	0.0022	23.68	36.44	0.00	0.00	-0.18	-1.41	9.2
53442	480.6	503.0	-1286.0	144.9	313.7	-208.9	0.0288	0.0171	0.0022	24.08	35.12	0.00	0.00	-0.18	-1.41	13.1
53507	989.4	839.9	-1219.1	66.7	-180.3	179.2	0.0288	0.0171	0.0045	35.43	59.57	228.37	0.00	-0.18	-2.27	0.0
53508	951.3	842.0	-1214.8	75.9	-188.0	178.7	0.0288	0.0171	0.0045	34.51	58.04	222.48	0.00	-0.16	-2.24	0.0
53509	892.9	841.1	-1212.4	86.9	-197.0	177.3	0.0288	0.0171	0.0045	33.30	56.00	214.68	0.00	-0.15	-2.21	0.0
53510	807.4	834.9	-1208.3	96.9	-209.8	-178.2	0.0288	0.0171	0.0045	33.10	55.66	213.38	0.00	-0.23	-2.20	0.0
53511	669.7	805.8	-1252.5	104.9	-244.6	-184.9	0.0288	0.0171	0.0045	31.24	52.54	201.41	0.00	-0.28	-2.20	0.0
53512	392.7	750.5	-1187.8	109.3	-369.6	181.9	0.0288	0.0171	0.0057	27.25	45.82	138.69	0.00	-0.32	-2.07	0.0
53513	-466.9	186.3	-3887.6	101.4	-1653.8	-507.1	0.0288	0.0171	0.0057	17.25	29.01	87.81	0.00	-0.57	-5.09	0.0
53514	-511.7	166.9	-3867.8	-92.0	1605.3	-352.3	0.0288	0.0171	0.0057	13.08	21.99	66.56	0.00	-0.44	-4.91	0.0
53515	264.5	673.0	-1167.0	-113.3	310.0	-181.9	0.0288	0.0171	0.0140	25.64	43.12	52.90	0.00	-0.46	-1.98	0.0
53516	467.1	671.2	-1238.8	-107.0	226.0	-204.2	0.0288	0.0171	0.0140	26.26	44.16	54.17	0.00	-0.33	-2.04	0.0
53517	516.1	672.9	-1173.9	130.9	199.8	-184.1	0.0288	0.0171	0.0140	26.01	43.74	53.66	0.00	-0.27	-1.97	0.0
53518	484.6	665.0	-1163.0	152.0	-221.7	-181.0	0.0288	0.0171	0.0140	27.38	46.04	56.48	0.00	-0.38	-1.99	0.0
53519	410.3	653.2	-1153.2	162.0	-237.3	-181.9	0.0288	0.0171	0.0140	26.82	45.10	55.33	0.00	-0.43	-1.97	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
53520	306.5	636.9	-1144.0	164.0	271.6	-183.2	0.0288	0.0171	0.0140	24.55	41.28	50.64	0.00	-0.40	-1.92	0.0
53521	175.0	616.1	-1133.3	162.2	335.8	-185.2	0.0288	0.0171	0.0140	23.35	39.27	48.17	0.00	-0.45	-1.91	0.0
53522	13.0	593.5	-1121.7	167.1	429.5	-200.7	0.0401	0.0171	0.0140	16.03	37.53	46.04	0.00	-0.50	-1.94	0.0
53523	988.7	834.4	-1224.5	33.2	-180.9	178.1	0.0288	0.0171	0.0045	34.91	58.71	225.06	0.00	-0.16	-2.26	0.0
53524	951.1	834.9	-1220.2	46.1	-188.9	177.4	0.0288	0.0171	0.0045	33.85	56.92	218.20	0.00	-0.13	-2.23	0.0
53525	892.0	832.2	-1218.4	59.8	-198.8	-179.4	0.0288	0.0171	0.0045	33.37	56.11	215.09	0.00	-0.16	-2.21	0.0
53526	804.0	824.7	-1214.2	70.6	-211.5	-182.8	0.0288	0.0171	0.0045	32.00	53.81	206.29	0.00	-0.18	-2.17	0.0
53527	664.0	793.5	-1261.2	73.8	-246.5	-182.1	0.0288	0.0171	0.0045	29.94	50.34	192.98	0.00	-0.22	-2.17	0.0
53528	389.6	731.0	-1187.3	68.3	-368.2	-209.8	0.0288	0.0171	0.0057	27.37	46.02	139.31	0.00	-0.36	-2.08	0.0
53529	-485.3	142.9	-3941.7	67.2	-1705.5	227.7	0.0288	0.0171	0.0057	7.75	13.03	39.44	0.00	-0.08	-4.88	0.0
53530	-539.6	115.0	-3858.4	-81.1	1622.2	428.1	0.0288	0.0171	0.0057	7.82	13.16	39.83	0.00	-0.18	-4.78	0.0
53531	243.0	624.0	-1142.5	-101.0	311.2	-249.5	0.0288	0.0171	0.0140	24.56	41.29	50.66	0.00	-0.45	-1.94	0.0
53532	460.2	627.9	-1283.4	-95.7	261.7	-226.5	0.0288	0.0171	0.0140	25.07	42.17	51.73	0.00	-0.30	-2.07	0.0
53533	523.0	650.1	-1176.4	111.4	199.7	-181.9	0.0288	0.0171	0.0140	24.89	41.85	51.34	0.00	-0.22	-1.94	0.0
53534	488.9	651.5	-1169.3	135.2	-221.4	-183.2	0.0288	0.0171	0.0140	26.59	44.71	54.84	0.00	-0.35	-1.98	0.0
53535	413.2	645.4	-1158.7	146.1	-237.3	-183.4	0.0288	0.0171	0.0140	26.19	44.04	54.03	0.00	-0.40	-1.96	0.0
53536	309.5	633.0	-1149.7	148.1	270.4	-184.7	0.0288	0.0171	0.0140	24.09	40.52	49.70	0.00	-0.37	-1.92	0.0
53537	179.3	615.1	-1139.2	145.5	334.1	-186.4	0.0288	0.0171	0.0140	23.04	38.74	47.52	0.00	-0.43	-1.91	0.0
53538	19.2	592.4	-1128.0	147.1	427.0	-200.9	0.0288	0.0171	0.0140	22.02	37.03	45.42	0.00	-0.49	-1.93	0.0
53539	710.3	387.8	-433.9	-100.0	1787.2	-290.1	0.0194	0.0283	0.0244	105.83	72.49	84.01	0.00	-1.69	-3.81	0.0
53540	708.9	387.0	-449.2	-89.4	1797.3	-360.3	0.0195	0.0283	0.0244	105.85	73.14	84.57	0.00	-1.70	-3.85	0.0
53549	81.9	231.6	-912.9	-29.2	112.4	-300.2	0.0194	0.0170	0.0244	16.44	18.75	13.05	0.00	-0.24	-1.32	0.0
53550	77.7	234.9	-922.0	-45.1	126.9	-323.8	0.0195	0.0169	0.0244	17.50	20.17	13.99	0.00	-0.28	-1.36	0.0
53559	193.2	345.8	-1086.0	-114.1	166.2	-350.2	0.0401	0.0171	0.0140	12.50	29.26	35.90	0.00	-0.37	-1.68	0.0
53560	194.5	312.2	-1094.1	-115.9	170.7	-349.5	0.0401	0.0171	0.0140	11.94	27.96	34.29	0.00	-0.35	-1.67	0.0
53561	252.3	416.6	-1137.3	124.5	364.0	-276.2	0.0401	0.0171	0.0140	12.19	28.54	35.01	0.00	-0.17	-1.77	0.0
53562	245.3	397.5	-1144.3	80.8	366.3	-279.1	0.0401	0.0171	0.0140	11.19	26.20	32.14	0.00	-0.11	-1.73	0.0
53563	37.0	481.3	-1139.4	135.5	539.4	-256.8	0.0401	0.0171	0.0140	13.20	30.91	37.92	0.00	-0.29	-1.92	0.0
53564	24.5	471.7	-1146.2	96.3	538.3	-256.8	0.0401	0.0171	0.0140	12.76	29.89	36.67	0.00	-0.28	-1.91	0.0
53565	-179.9	531.2	-1126.6	145.9	570.7	-246.4	0.0401	0.0171	0.0140	14.31	33.51	41.11	0.00	-0.49	-2.01	0.0
53566	-181.2	526.4	-1133.4	111.8	568.4	-245.3	0.0401	0.0171	0.0140	14.05	32.90	40.36	0.00	-0.48	-2.00	0.0
53567	-119.6	567.1	-1117.5	163.2	520.5	228.9	0.0401	0.0171	0.0140	16.90	39.57	48.55	0.00	-0.67	-2.03	0.0
53568	-112.9	564.0	-1124.4	136.8	517.8	-227.6	0.0401	0.0171	0.0140	15.02	35.17	43.15	0.00	-0.50	-1.98	0.0
53573	33.3	302.3	-1061.4	100.6	78.5	-155.3	0.0098	0.0161	0.0127	35.23	21.49	27.28	0.00	-0.33	-1.43	0.0
53578	24.2	304.2	-1047.1	85.5	73.6	-162.2	0.0093	0.0164	0.0127	36.81	20.84	26.91	0.00	-0.33	-1.41	0.0
53583	16.1	302.7	-1031.4	70.1	67.6	-164.9	0.0088	0.0166	0.0127	37.93	20.11	26.34	0.00	-0.33	-1.39	0.0
53588	9.9	303.4	-1013.1	55.2	60.9	-162.0	0.0084	0.0168	0.0127	39.09	19.61	25.98	0.00	-0.32	-1.37	0.0
53593	38.9	335.2	-1177.1	110.1	69.7	-173.4	0.0098	0.0161	0.0127	39.12	23.86	30.29	0.00	-0.37	-1.59	0.0
53598	29.8	328.2	-1172.1	92.1	63.6	-189.0	0.0093	0.0164	0.0127	40.06	22.68	29.29	0.00	-0.36	-1.57	0.0
53603	23.8	330.9	-1158.8	77.8	56.7	-197.3	0.0088	0.0166	0.0127	42.01	22.27	29.17	0.00	-0.36	-1.56	0.0
53608	20.3	332.9	-1131.9	59.9	48.6	-194.8	0.0084	0.0168	0.0127	43.41	21.78	28.84	0.00	-0.35	-1.53	0.0
53609	399.2	475.1	-1286.3	206.3	286.0	-226.3	0.0288	0.0171	0.0022	22.79	37.39	0.00	0.00	-0.29	-1.42	7.3
53610	335.2	449.3	-1288.3	206.3	282.4	-230.0	0.0288	0.0171	0.0022	21.05	35.40	271.43	0.00	-0.34	-1.98	0.0
53611	281.7	435.5	-1292.2	206.7	267.0	-227.7	0.0288	0.0171	0.0022	20.13	33.85	259.56	0.00	-0.36	-1.95	0.0
53612	228.5	432.6	-1303.3	203.9	231.2	-228.1	0.0288	0.0171	0.0022	19.50	32.80	251.46	0.00	-0.39	-1.94	0.0
53613	155.8	409.8	-1316.3	183.6	152.2	264.0	0.0288	0.0171	0.0022	19.29	32.44	248.69	0.00	-0.50	-1.92	0.0
53614	396.7	474.5	-1289.5	191.3	262.9	-215.6	0.0288	0.0171	0.0022	21.90	36.83	0.00	0.00	-0.28	-1.40	6.6
53615	328.3	454.6	-1291.3	188.0	258.6	-221.8	0.0288	0.0171	0.0022	20.49	34.46	264.21	0.00	-0.32	-1.96	0.0
53616	267.7	442.6	-1295.3	183.4	241.2	-221.7	0.0288	0.0171	0.0022	19.46	32.72	250.89	0.00	-0.34	-1.93	0.0
53617	207.0	428.0	-1306.2	172.9	203.8	-222.5	0.0288	0.0171	0.0022	18.35	30.85	236.56	0.00	-0.36	-1.89	0.0
53618	135.1	382.7	-1317.1	159.4	127.5	253.2	0.0288	0.0171	0.0022	17.53	29.47	225.98	0.00	-0.45	-1.87	0.0
53619	396.2	475.2	-1291.3	177.4	261.7	-213.6	0.0288	0.0171	0.0022	21.44	36.05	276.38	0.00	-0.29	-1.98	0.0
53620	325.7	458.5	-1293.1	170.0	257.8	-222.3	0.0288	0.0171	0.0022	19.98	33.60	257.63	0.00	-0.29	-1.94	0.0
53621	264.6	445.0	-1297.2	162.6	241.3	-223.3	0.0288	0.0171	0.0022	18.88	31.75	243.44	0.00	-0.31	-1.91	0.0
53622	205.7	428.7	-1307.8	154.4	204.7	-225.4	0.0288	0.0171	0.0022	17.87	30.05	230.43	0.00	-0.33	-1.88	0.0
53623	131.0	391.5	-1314.0	148.8	121.4	257.7	0.0288	0.0171	0.0022	17.48	29.40	225.43	0.00	-0.44	-1.86	0.0
53624	402.2	481.4	-1290.5	165.7	287.0	-222.8	0.0288	0.0171	0.0022	21.25	35.74	274.00	0.00	-0.26	-1.98	0.0
53625	330.5	467.9	-1292.5	155.6	286.3	-234.4	0.0288	0.0171	0.0022	19.80	33.30	255.31	0.00	-0.26	-1.95	0.0
53626	272.6	454.6	-1296.4	149.6	272.9	-236.2	0.0288	0.0171	0.0022	18.82	31.65	242.68	0.00	-0.27	-1.92	0.0
53627	221.1	443.1	-1306.6	147.6	238.6	-239.8	0.0288	0.0171	0.0022	18.20	30.61	234.68	0.00	-0.31	-1.90	0.0
53628	144.4	432.1	-1304.4	150.7	140.3	-283.9	0.0288	0.0171	0.0022	18.11	30.45	233.47	0.00	-0.40	-1.89	0.0
53757	1003.0	825.4	-1234.6	27.2	163.8	-171.4	0.0288	0.0171	0.0045	35.28	59.33	227.43	0.00	-0.18	-2.28	0.0
53758	997.2	807.1	-1236.8	46.9	147.0	-167.6	0.0288	0.0171	0.0045	35.18	59.17	226.82	0.00	-0.20	-2.27	0.0
53759	988.8	784.4	-1237.4	63.4	149.8	-172.4	0.0288	0.0171	0.0045	35.11	59.05	226.37	0.00	-0.22	-2.27	0.0
53760	974.6	755.7	-1237.2	83.3	171.9	-184.5	0.0288	0.0171	0.0045	34.99	58.84	225.58	0.00	-0.25	-2.28	0.0
53761	997.9	821.9	-1240.8	35.9	176.3	-172.5	0.0288	0.0171	0.0045	35.22	59.23	227.06	0.00	-0.18	-2.28	0.0
53762	988.9	804.6	-1243.7	44.6	161.1	-170.2	0.0288	0.0171	0.0045	34.93	58.73	225.16	0.00	-0.19	-2.28	0.0
53763	980.9	778.7	-1244.4	59.5	164.7	-174.9	0.0288	0.0171	0.0045	34.83	58.57	224.55	0.00	-0.22	-2.28	0.0
53764	969.2	743.5	-1247.5	83.7	188.8	-189.7	0.0288	0.0171	0.0045	34.85	58.60	224.66	0.00	-0.26	-2.29	0.0
53765	963.2	816.2	-1249.8	54.1	191.9	-174.2	0.0288	0.0171	0.0045	34.35	57.75	221.41	0.00	-0.17	-2.27	0.0
53766	947.1	800.2	-1255.3	51.7	179.3	-175.8	0.0288	0.0171	0.0045	33.70	56.66	217.22	0.00	-0.16	-2.26	0.0
53767	934.9	764.9	-1262.8	59.2	192.6	-188.8	0.0288	0.0171	0.0045	33.39	56.15	215.24	0.00	-0.19	-2.26	0.0
53768	926.2	713.6	-1257.9	84.9	214.9	-193.4	0.0288	0.0171	0.0045	33.52	56.37	216.12	0.00	-0.25	-2.26	0.0
53769	881.8	806.4	-1267.5	85.0	220.5	-175.2	0.0288	0.0171	0.0045	32.69	54.96	210.71	0.00	-0.16	-2.25	0.0
53770	855.1	795.2	-1272.4	73.1	206.7	-182.4	0.0288	0.0171	0.0045	31.49	52.95	202.98	0.00	-0.13	-2.22	0.0
53771	826.0	742.5	-1301.6	70.8	231.1	-220.4	0.0288	0.0171	0.0045	30.26	50.89	195.08	0.00	-0.13	-2.22	0.0
53772	783.0	638.8	-1397.3	95.3	339.9	-287.7	0.0288	0.0171	0.0045	29.50	49.61	190.19	0.00	-0.18	-2.34	0.0
53773	723.3	779.9	-1332.0	127.3	271.4	188.4	0.0288	0.0171	0.0045	32.18	54.12	207.48	0.00	-0.30	-2.31	0.0
53774	685.6	770.6	-1368.1	114.4	274.5	-229.7	0.0288	0.0171	0.0045	29.54	49.67	190.40	0.00	-0.18	-2.28	0.0
53775	623.4	696.6	-1380.0	117.8	315.5	-262.0	0.0288	0.0171	0.0045	27.21	45.75	175.39	0.00	-0.16	-2.25	0.0
53776	494.4	505.4	-1565.4	159.6	480.9	-503.3	0.0288	0.0171	0.0045	22.94	38.57	147.86	0.00	-0.09	-2.45	0.0
53777	436.9	720.0	-1379.8	156.5	399.8	222.8	0.0288	0.0171	0.0045	29.64	49.85	191.09	0.00	-0.45	-2.33	0.0
53778	439.5	725.5	-1338.5	176.4	326.3	-212.8	0.0288	0.0171	0.0045	28.16	47.35	181.51	0.00	-0.37	-2.23	0.0
53779	216.3	465.4	-2211.9	218.4	741.3	-777.0	0.0288	0.0171	0.0057	23.46	39.45	119.42	0.00	-0.25	-3.31	0.0
53780	-146.9	22.9	-3677.1	268.5	1285.9	-763.1	0.0288	0.0171	0.0057	9.56	16.07	48.66	0.00	-0.10	-4.52	0.0
53781	-206.8	257.2	-3429.7	135.7	1301.0	330.1	0.0288	0.0171	0.0057	17.40	29.26	88.58	0.00	-0.48	-4.41	0.0
53782	-88.4	329.4	-3057.7	202.8	1134.6	-296.9	0.0288	0.0171	0.0057	14.94	25.11	76.02	0.00	-0.20	-3.90	0.0
53783	-243.5	66.9	-4011.8	260.8	654.7	-779.9	0.0288	0.0171	0.0057	8.99	15.12	45.76	0.00	-0.43	-4.53	0.0
53784	-295.8	-118.9	-4379.8	294.3	-890.2	501.4	0.0288	0.0171	0.0057	3.68	6.18	18.71	0.00	-0.37	-4.74	0.0
53785	-124.5	194.3	-3400.8	80.5	-1283.8	509.2	0.0288	0.0171	0.0057	13.28	22.33	67.58	0.00	-0.19	-4.29	0.0
53786	-12.1	264.4	-3109.5	144.1	-1114.6	262.4	0.0288	0.0171	0.0057	13.23	22.26	67.37	0.00	-0.13	-3.87	0.0
53787	56.7	217.2	-3141.3	192.2	-1171.1	296.3	0.0288	0.0171	0.0057	16.51	27.76	84.04	0.00	-0.26	-4.03	0.0
53788	310.3	341.8	-2212.9	204.4	-734.0	735.5	0.0288	0.0171	0.0057	18.76	31.54	95.48	0.00	-0.03	-3.15	0.0
53789	588.5	564.4	-1334.3	-84.5	-313.5	204.8	0.0288	0.0171	0.0057	25.31	42.55	128.82	0.00	-0.24	-2.13	0.0
53790	603.3	581.0	-1338.9	67.6	-282.1	206.3	0.0288	0.0171	0.0057	23.13	38.89	117.73	0.00	-0.08	-2.07	0.0
53791	648.5	590.3	-1298.6	92.2	-240.8	209.5	0.0288	0.0171	0.0057	24.98	42.00	127.13	0.00	-0.15	-2.07	0.0
53792	689.2	585.8	-1365.5	101.9	-255.7	201.0	0.0288	0.0171	0.0022	26.98	41.95	0.00	0.00	-0.14	-1.45	6.9
53793	796.8	581.6	-1317.5	-100.4	179.6	-176.0	0.0288	0.0171	0.0022	30.93	47.54	47.53	0.00	-0.28	-1.47	7.6
53794	788.7	597.7	-1318.0	-89.7	161.4	167.6	0.0288	0.0171	0.0022	29.63	42.36	0.00	0.00	-0.15	-1.36	14.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
53795	789.3	618.5	-1315.8	-85.3	170.2	-171.9	0.0288	0.0171	0.0022	30.42	47.16	47.13	0.00	-0.23	-1.46	8.2
53796	795.7	637.4	-1295.8	-91.7	202.4	-187.1	0.0288	0.0171	0.0022	32.27	46.54	46.49	0.00	-0.24	-1.45	15.0
53797	825.2	586.4	-1284.8	-97.0	220.5	-180.2	0.0288	0.0171	0.0022	33.05	45.68	45.56	0.00	-0.26	-1.45	15.0
53798	815.1	601.7	-1285.6	-89.2	203.6	-178.5	0.0288	0.0171	0.0022	31.22	50.67	50.67	0.00	-0.30	-1.45	4.9
53799	805.9	626.1	-1283.7	-86.7	207.7	-185.7	0.0288	0.0171	0.0022	32.27	46.29	45.81	0.00	-0.23	-1.44	15.0
53800	799.7	649.6	-1281.5	-90.9	233.2	-204.2	0.0288	0.0171	0.0022	33.06	47.75	47.69	0.00	-0.25	-1.46	15.0
53801	786.3	576.5	-1286.3	-88.9	239.5	-184.2	0.0288	0.0171	0.0022	31.88	44.47	44.41	0.00	-0.25	-1.45	15.0
53802	777.2	590.0	-1286.9	-78.1	221.9	-183.0	0.0288	0.0171	0.0022	30.20	47.57	47.56	0.00	-0.26	-1.45	6.9
53803	767.1	614.7	-1284.9	78.2	225.3	-192.3	0.0288	0.0171	0.0022	28.73	43.09	0.00	0.00	-0.11	-1.36	8.3
53804	757.8	642.8	-1280.0	98.4	249.4	-212.7	0.0288	0.0171	0.0022	29.41	44.25	0.00	0.00	-0.11	-1.37	11.8
53805	717.6	560.4	-1288.1	81.1	252.0	-186.5	0.0288	0.0171	0.0022	27.52	38.79	0.00	0.00	-0.10	-1.37	13.4
53806	710.4	570.1	-1288.6	87.9	234.2	-185.7	0.0288	0.0171	0.0022	27.47	39.32	0.00	0.00	-0.11	-1.36	15.0
53807	701.8	591.7	-1286.5	98.6	237.2	-195.2	0.0288	0.0171	0.0022	27.40	41.51	0.00	0.00	-0.13	-1.37	10.1
53808	692.0	619.4	-1281.9	116.5	260.3	-216.3	0.0288	0.0171	0.0022	28.43	42.46	0.00	0.00	-0.13	-1.38	14.4
53809	634.9	540.3	-1290.1	102.0	261.6	-188.4	0.0288	0.0171	0.0022	25.28	39.04	0.00	0.00	-0.13	-1.38	6.9
53810	629.8	545.0	-1290.6	110.9	243.4	-187.2	0.0288	0.0171	0.0022	25.66	38.67	0.00	0.00	-0.14	-1.37	10.6
53811	623.5	560.6	-1288.5	121.8	246.1	-196.1	0.0288	0.0171	0.0022	25.79	40.21	0.00	0.00	-0.16	-1.38	8.0
53812	614.8	582.2	-1284.2	137.2	268.9	-215.6	0.0288	0.0171	0.0022	27.07	40.65	0.00	0.00	-0.17	-1.39	12.5
53813	549.6	518.6	-1290.9	125.0	269.8	-190.4	0.0288	0.0171	0.0022	24.63	36.01	0.00	0.00	-0.16	-1.39	13.8
53814	545.6	519.0	-1291.4	135.9	250.6	-188.8	0.0288	0.0171	0.0022	25.00	36.49	0.00	0.00	-0.19	-1.38	13.2
53815	542.0	527.8	-1289.5	147.7	253.0	-196.5	0.0288	0.0171	0.0022	24.71	38.36	0.00	0.00	-0.20	-1.38	8.3
53816	536.2	540.4	-1285.7	161.7	275.4	-213.3	0.0288	0.0171	0.0022	24.99	39.92	0.00	0.00	-0.21	-1.40	7.3
53817	473.3	498.0	-1290.4	154.0	279.4	-202.3	0.0288	0.0171	0.0022	23.59	35.79	0.00	0.00	-0.21	-1.40	9.6
53818	467.9	495.5	-1291.2	164.8	257.6	-198.1	0.0288	0.0171	0.0022	23.00	37.11	0.00	0.00	-0.23	-1.39	6.5
53819	466.6	499.4	-1289.4	176.9	259.3	-203.5	0.0288	0.0171	0.0022	23.87	37.42	0.00	0.00	-0.26	-1.39	7.8
53820	465.3	505.2	-1286.0	190.4	281.7	-217.1	0.0288	0.0171	0.0022	24.44	38.37	0.00	0.00	-0.27	-1.41	8.2
53949	37.0	599.4	-1134.1	164.7	389.1	-193.1	0.0288	0.0171	0.0140	22.53	37.88	46.47	0.00	-0.51	-1.93	0.0
53950	59.8	613.8	-1137.2	228.4	359.6	-189.0	0.0288	0.0171	0.0140	24.22	40.74	49.97	0.00	-0.59	-1.97	0.0
53951	80.2	617.5	-1138.7	301.4	347.5	-197.4	0.0288	0.0171	0.0140	26.16	43.98	53.96	0.00	-0.68	-2.02	0.0
53952	99.4	600.7	-1139.5	382.1	347.2	-216.7	0.0288	0.0171	0.0140	28.03	47.14	57.83	0.00	-0.77	-2.09	0.0
53953	187.9	618.6	-1144.7	169.5	300.7	-180.9	0.0288	0.0171	0.0140	23.63	39.73	48.74	0.00	-0.47	-1.91	0.0
53954	200.0	626.7	-1147.4	238.7	275.4	-179.2	0.0288	0.0171	0.0140	25.52	42.91	52.64	0.00	-0.56	-1.96	0.0
53955	210.2	624.9	-1148.3	312.2	267.5	-188.3	0.0288	0.0171	0.0140	27.54	46.31	56.81	0.00	-0.67	-2.03	0.0
53956	219.0	609.0	-1148.1	389.4	274.8	-207.8	0.0288	0.0171	0.0140	29.51	49.62	60.87	0.00	-0.78	-2.09	0.0
53957	314.2	631.3	-1154.9	174.5	238.4	-179.3	0.0288	0.0171	0.0140	24.69	41.52	50.94	0.00	-0.42	-1.93	0.0
53958	319.5	632.4	-1157.2	245.0	215.7	-177.5	0.0288	0.0171	0.0140	26.67	44.84	55.01	0.00	-0.53	-1.98	0.0
53959	321.3	627.8	-1157.6	316.0	-215.4	-186.6	0.0288	0.0171	0.0140	29.95	50.36	61.78	0.00	-0.73	-2.06	0.0
53960	319.5	617.8	-1156.2	389.7	-230.1	-207.1	0.0288	0.0171	0.0140	32.27	54.27	66.57	0.00	-0.87	-2.13	0.0
53961	416.6	637.9	-1164.1	173.2	-214.7	-178.2	0.0288	0.0171	0.0140	26.67	44.84	55.01	0.00	-0.44	-1.97	0.0
53962	418.4	632.2	-1166.6	244.0	-200.4	-176.2	0.0288	0.0171	0.0140	28.64	48.17	59.09	0.00	-0.56	-2.03	0.0
53963	413.9	626.7	-1166.2	313.7	-201.4	-185.0	0.0288	0.0171	0.0140	30.78	51.76	63.50	0.00	-0.70	-2.09	0.0
53964	402.0	624.8	-1164.1	386.1	-217.4	-205.6	0.0288	0.0171	0.0140	33.20	55.83	68.49	0.00	-0.84	-2.16	0.0
53965	493.7	636.4	-1172.7	162.7	-198.8	-177.3	0.0288	0.0171	0.0140	26.97	45.35	55.64	0.00	-0.39	-1.99	0.0
53966	494.9	623.1	-1173.4	234.8	-185.0	-174.6	0.0288	0.0171	0.0140	28.95	48.68	59.72	0.00	-0.52	-2.04	0.0
53967	485.3	616.7	-1175.9	306.7	-186.0	-182.1	0.0288	0.0171	0.0140	31.14	52.37	64.24	0.00	-0.66	-2.11	0.0
53968	463.3	621.3	-1174.7	380.3	-202.6	-200.0	0.0288	0.0171	0.0140	33.61	56.52	69.33	0.00	-0.81	-2.18	0.0
53969	530.9	620.0	-1194.3	138.4	-174.3	-178.8	0.0288	0.0171	0.0140	26.12	43.92	53.88	0.00	-0.32	-1.98	0.0
53970	532.3	592.0	-1209.6	216.7	-157.7	-172.6	0.0288	0.0171	0.0140	28.05	47.17	57.87	0.00	-0.46	-2.04	0.0
53971	516.6	587.2	-1197.5	295.5	161.8	-176.4	0.0288	0.0171	0.0140	29.51	49.62	60.87	0.00	-0.56	-2.09	0.0
53972	486.5	600.7	-1192.4	368.3	188.6	185.6	0.0288	0.0171	0.0140	32.94	55.39	67.96	0.00	-0.78	-2.17	0.0
53973	463.2	577.8	-1223.0	99.0	235.9	-182.7	0.0288	0.0171	0.0140	22.08	37.13	45.55	0.00	-0.18	-1.91	0.0
53974	460.1	534.9	-1158.8	181.8	218.7	-178.9	0.0288	0.0171	0.0140	23.72	39.88	48.92	0.00	-0.32	-1.89	0.0
53975	434.2	521.0	-1268.7	263.9	263.8	200.1	0.0288	0.0171	0.0140	27.63	46.47	57.00	0.00	-0.58	-2.12	0.0
53976	429.2	548.0	-1295.5	331.0	251.5	259.5	0.0288	0.0171	0.0140	30.71	51.64	63.35	0.00	-0.73	-2.24	0.0
53977	32.6	365.1	-2095.4	-103.9	802.1	-617.8	0.0288	0.0171	0.0140	23.92	40.23	49.35	0.00	-0.60	-3.16	0.0
53978	-162.4	117.0	-3058.6	-128.2	1268.9	309.7	0.0288	0.0171	0.0140	10.96	18.43	22.61	0.00	-0.17	-3.88	0.0
53979	31.2	273.1	-2184.7	157.6	762.5	786.3	0.0288	0.0171	0.0022	32.98	47.15	47.15	0.00	-0.92	-2.82	5.6
53980	260.3	465.7	-1278.8	223.0	306.1	259.9	0.0288	0.0171	0.0022	34.14	37.15	37.15	0.00	-0.75	-1.51	13.3
53981	-629.9	-21.8	-4179.2	-109.5	799.4	-446.7	0.0288	0.0171	0.0057	3.14	5.28	15.97	0.00	-0.62	-4.48	0.0
53982	-752.0	-210.7	-4848.1	-188.3	-141.7	-196.9	0.0288	0.0171	0.0057				-0.15	-0.80	-4.86	
53983	-549.1	-92.2	-3911.3	-254.2	670.6	721.1	0.0288	0.0171	0.0057	2.53	4.26	12.89	0.00	-0.52	-4.25	0.0
53984	-384.7	-31.5	-3296.2	-259.7	1417.5	201.3	0.0288	0.0171	0.0057	9.84	16.54	50.07	0.00	-0.39	-4.18	0.0
53985	-383.5	216.3	-3335.4	-97.0	-1381.8	235.5	0.0288	0.0171	0.0057	12.94	21.76	65.87	0.00	-0.36	-4.26	0.0
53986	-333.4	227.9	-2931.1	-191.2	-1166.0	-304.0	0.0288	0.0171	0.0057	10.05	16.90	51.15	0.00	-0.20	-3.70	0.0
53987	-567.8	-64.5	-3942.8	-269.9	-669.8	-816.7	0.0288	0.0171	0.0057	4.53	7.62	23.06	0.00	-0.59	-4.38	0.0
53988	-911.1	-504.6	-5557.0	-313.4	189.9	-568.5	0.0288	0.0171	0.0057				-0.27	-1.08	-5.63	
53989	360.6	702.2	-1279.2	-64.3	-365.3	-187.4	0.0288	0.0171	0.0057	25.09	42.20	127.74	0.00	-0.29	-2.10	0.0
53990	300.5	644.4	-1308.4	-114.5	-325.1	-232.0	0.0288	0.0171	0.0045	23.92	40.22	154.18	0.00	-0.34	-2.09	0.0
53991	28.2	346.8	-2248.2	-169.4	-813.1	-845.2	0.0288	0.0171	0.0057	21.21	35.67	107.97	0.00	-0.35	-3.36	0.0
53992	-311.5	-52.7	-3522.4	-246.0	-1496.0	-641.5	0.0288	0.0171	0.0057	9.64	16.21	49.06	0.00	-0.22	-4.50	0.0
53993	643.0	773.1	-1260.3	72.3	-226.3	-189.5	0.0288	0.0171	0.0045	29.16	49.04	188.00	0.00	-0.22	-2.14	0.0
53994	592.2	713.5	-1323.7	97.2	-269.9	-246.5	0.0288	0.0171	0.0045	28.63	48.14	184.54	0.00	-0.28	-2.21	0.0
53995	536.0	619.8	-1331.7	102.7	-326.1	-248.4	0.0288	0.0171	0.0045	26.49	44.54	170.74	0.00	-0.29	-2.18	0.0
53996	463.2	498.0	-1348.7	-143.4	-398.9	-320.9	0.0288	0.0171	0.0045	21.72	36.52	140.02	0.00	-0.15	-2.12	0.0
53997	794.0	803.4	-1227.9	75.4	-198.3	-183.5	0.0288	0.0171	0.0045	31.53	53.03	203.29	0.00	-0.19	-2.17	0.0
53998	780.4	761.2	-1235.4	100.4	-195.2	-183.6	0.0288	0.0171	0.0045	31.43	52.85	202.59	0.00	-0.24	-2.17	0.0
53999	762.7	701.2	-1255.1	109.0	-210.1	-197.8	0.0288	0.0171	0.0045	30.68	51.60	197.80	0.00	-0.26	-2.18	0.0
54000	729.3	625.2	-1293.2	97.4	-256.0	-228.3	0.0288	0.0171	0.0045	29.21	49.12	188.29	0.00	-0.27	-2.19	0.0
54001	889.2	816.1	-1224.2	63.7	-179.2	-174.6	0.0288	0.0171	0.0045	33.10	55.65	213.36	0.00	-0.17	-2.21	0.0
54002	884.7	784.2	-1229.0	85.8	-169.1	-172.7	0.0288	0.0171	0.0045	33.29	55.98	214.60	0.00	-0.22	-2.21	0.0
54003	875.7	744.5	-1232.1	95.5	-176.0	-180.4	0.0288	0.0171	0.0045	33.07	55.61	213.20	0.00	-0.26	-2.21	0.0
54004	857.5	697.5	-1236.8	95.9	-199.9	-195.8	0.0288	0.0171	0.0045	32.46	54.58	209.24	0.00	-0.28	-2.21	0.0
54005	949.5	823.1	-1225.8	48.4	-168.0	-171.9	0.0288	0.0171	0.0045	34.28	57.64	220.96	0.00	-0.18	-2.24	0.0
54006	946.2	798.1	-1228.5	69.3	-155.7	-168.6	0.0288	0.0171	0.0045	34.48	57.98	222.29	0.00	-0.22	-2.25	0.0
54007	938.5	768.9	-1229.9	81.4	-158.9	-173.7	0.0288	0.0171	0.0045	34.44	57.91	222.00	0.00	-0.25	-2.25	0.0
54008	923.0	734.5	-1231.3	89.0	-176.8	-186.5	0.0288	0.0171	0.0045	34.14	57.42	220.11	0.00	-0.28	-2.25	0.0
54009	986.2	826.0	-1229.6	34.7	-159.3	-171.1	0.0288	0.0171	0.0045	35.08	58.99	226.13	0.00	-0.18	-2.26	0.0
54010	982.0	805.4	-1231.9	55.8	-145.9	-167.2	0.0288	0.0171	0.0045	35.21	59.21	226.97	0.00	-0.22	-2.27	0.0
54011	973.8	781.5	-1232.4	70.5	-147.6	-171.8	0.0288	0.0171	0.0045	35.20	59.20	226.94	0.00	-0.25	-2.27	0.0
54012	958.4	752.7	-1232.8	84.6	-164.3	-184.1	0.0288	0.0171	0.0045	35.07	58.98	226.09	0.00	-0.28	-2.27	0.0
54013	704.7	384.0	-475.4	-94.4	1761.8	-433.0	0.0198	0.0281	0.0244	103.22	72.46	83.44	0.00	-1.68	-3.82	0.0
54014	700.1	383.4	-519.8	-122.7	1722.8	-410.2	0.0201	0.0280	0.0244	98.80	71.17	81.40	0.00	-1.64	-3.76	0.0
54015	698.9	392.0	-583.7	-169.0	1771.7	-323.0	0.0206	0.0277	0.0244	97.43	72.41	82.13	0.00	-1.67	-3.85	0.0
54016	699.7	418.1	-667.3	-194.0	1896.3	-320.3	0.0212	0.0274	0.0244	99.37	76.59	86.01	0.00	-1.74	-4.11	0.0
54033	75.3	249.0	-947.4	-55.7	154.0	-370.4	0.0198	0.0168	0.0244	19.49	22.88	15.76	0.00	-0.33	-1.45	0.0
54034	62.4	272.9	-980.7	76.8	183.2	-415.4	0.0201	0.0166	0.0244	19.84	24.00	16.34	0.00	-0.31	-1.54	0.0
54035	50.3	292.9	-1007.6	107.6	212.5	-449.6	0.0206	0.0164	0.0244	21.24	26.67	17.91	0.00	-0.35	-1.63	0.0
54036	47.6	302.5	-1025.0	142.9	230.9	-484.2	0.0212	0.0161	0.0244	22.28	29.20	19.28	0.00	-0.38	-1.71	0.0
54053	149.2	282.7	-1107.7	-105.6	136.5	-335.7	0.0401	0.0171	0.0140	10.61	24.85	30.49	0.00	-0.33	-1.62	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
54054	115.5	259.1	-1122.6	-100.3	127.2	-329.5	0.0401	0.0171	0.0140	9.78	22.90	28.10	0.00	-0.33	-1.60	0.0
54055	98.6	277.5	-1130.6	-110.5	144.2	-342.9	0.0401	0.0171	0.0140	10.45	24.48	30.03	0.00	-0.37	-1.64	0.0
54056	99.6	299.8	-1132.2	-140.3	180.7	-369.3	0.0401	0.0171	0.0140	11.89	27.85	34.16	0.00	-0.45	-1.71	0.0
54057	206.4	386.9	-1151.0	80.7	321.1	-271.7	0.0401	0.0171	0.0140	10.90	25.53	31.32	0.00	-0.16	-1.71	0.0
54058	155.5	371.9	-1155.9	118.0	294.5	-265.4	0.0401	0.0171	0.0140	10.89	25.51	31.30	0.00	-0.23	-1.71	0.0
54059	120.5	380.1	-1159.3	170.6	300.9	-274.4	0.0401	0.0171	0.0140	11.83	27.70	33.98	0.00	-0.32	-1.76	0.0
54060	103.6	386.9	-1160.8	236.3	334.3	-295.8	0.0401	0.0171	0.0140	13.14	30.78	37.75	0.00	-0.41	-1.84	0.0
54061	-8.3	468.6	-1151.8	103.8	492.1	-244.4	0.0401	0.0171	0.0140	12.65	29.61	36.33	0.00	-0.33	-1.88	0.0
54062	-51.7	474.2	-1154.9	157.8	461.2	-233.5	0.0401	0.0171	0.0140	13.11	30.71	37.68	0.00	-0.42	-1.89	0.0
54063	-81.4	485.9	-1156.9	222.2	460.6	-238.6	0.0401	0.0171	0.0140	14.13	33.09	40.59	0.00	-0.51	-1.94	0.0
54064	-91.7	478.2	-1156.9	295.4	477.7	-260.8	0.0401	0.0171	0.0140	15.10	35.36	43.38	0.00	-0.58	-2.01	0.0
54065	-164.7	530.7	-1139.0	125.3	522.1	-231.2	0.0401	0.0171	0.0140	14.14	33.12	40.62	0.00	-0.51	-1.97	0.0
54066	-135.1	544.2	-1141.2	185.3	489.7	-219.3	0.0401	0.0171	0.0140	14.90	34.88	42.79	0.00	-0.55	-1.98	0.0
54067	-107.2	555.1	-1142.1	253.8	482.0	-224.5	0.0401	0.0171	0.0140	16.04	37.57	46.08	0.00	-0.60	-2.02	0.0
54068	-79.9	543.2	-1141.1	333.8	483.9	-246.1	0.0401	0.0171	0.0140	17.18	40.22	49.35	0.00	-0.66	-2.08	0.0
54069	-90.2	571.1	-1130.5	150.4	474.3	-215.2	0.0401	0.0171	0.0140	15.27	35.75	43.86	0.00	-0.53	-1.96	0.0
54070	-60.4	587.1	-1133.4	210.1	442.1	-206.2	0.0401	0.0171	0.0140	16.28	38.12	46.76	0.00	-0.58	-1.98	0.0
54071	-33.0	595.1	-1134.9	280.8	429.8	-212.7	0.0401	0.0171	0.0140	17.54	41.08	50.40	0.00	-0.65	-2.03	0.0
54072	-6.0	580.4	-1135.4	363.5	426.2	-232.9	0.0288	0.0171	0.0140	26.20	44.06	54.05	0.00	-0.73	-2.09	0.0
54073	41.4	296.8	-1075.3	111.0	82.0	-150.7	0.0103	0.0159	0.0127	33.65	21.87	27.34	0.00	-0.33	-1.45	0.0
54078	49.5	294.2	-1087.7	118.7	84.5	-148.0	0.0107	0.0157	0.0127	32.71	22.31	27.56	0.00	-0.33	-1.46	0.0
54083	49.6	339.5	-1184.7	125.5	73.6	-155.1	0.0103	0.0159	0.0127	38.30	24.89	31.13	0.00	-0.38	-1.60	0.0
54088	53.8	326.8	-1201.3	127.5	78.8	-153.2	0.0107	0.0157	0.0127	36.00	24.55	30.33	0.00	-0.37	-1.61	0.0
54093	196.4	424.0	-1321.8	205.6	189.5	270.2	0.0288	0.0171	0.0022	20.88	35.12	269.26	0.00	-0.53	-1.98	0.0
54094	249.6	407.6	-1305.9	205.1	270.1	-229.2	0.0288	0.0171	0.0022	19.07	32.07	245.85	0.00	-0.36	-1.94	0.0
54095	289.8	409.3	-1294.2	204.0	301.1	-231.5	0.0288	0.0171	0.0022	19.52	32.82	251.64	0.00	-0.33	-1.95	0.0
54096	336.5	423.7	-1290.0	204.2	315.2	-236.2	0.0288	0.0171	0.0022	20.45	34.39	263.66	0.00	-0.32	-1.98	0.0
54097	398.1	449.9	-1287.5	203.9	318.4	-234.7	0.0288	0.0171	0.0022	23.16	35.28	0.00	0.00	-0.27	-1.44	9.0
54098	206.7	425.4	-1334.8	230.8	177.1	254.2	0.0288	0.0171	0.0022	21.54	36.23	277.75	0.00	-0.56	-2.00	0.0
54099	250.5	405.6	-1313.5	214.9	257.4	-218.6	0.0288	0.0171	0.0022	19.34	32.52	249.37	0.00	-0.38	-1.95	0.0
54100	284.9	408.7	-1301.9	215.1	287.9	-224.0	0.0288	0.0171	0.0022	19.81	33.32	255.45	0.00	-0.36	-1.96	0.0
54101	329.1	412.7	-1297.4	211.3	304.7	-230.6	0.0288	0.0171	0.0022	20.36	34.24	262.51	0.00	-0.34	-1.98	0.0
54102	387.5	419.5	-1294.4	203.2	311.9	-231.6	0.0288	0.0171	0.0022	21.13	35.52	272.37	0.00	-0.32	-2.00	0.0
54167	460.4	483.4	-1286.4	187.4	313.6	-228.8	0.0288	0.0171	0.0022	24.61	36.47	0.00	0.00	-0.25	-1.43	10.6
54168	526.8	525.3	-1285.2	159.6	308.1	-229.3	0.0288	0.0171	0.0022	25.02	38.38	0.00	0.00	-0.19	-1.42	9.5
54169	604.8	575.9	-1282.6	137.9	302.8	-236.0	0.0288	0.0171	0.0022	26.60	40.55	0.00	0.00	-0.15	-1.41	11.2
54170	684.0	617.7	-1279.8	121.7	295.1	-238.6	0.0288	0.0171	0.0022	28.52	42.39	41.64	0.00	-0.13	-1.49	15.0
54171	752.7	637.2	-1278.2	106.1	284.9	-233.4	0.0288	0.0171	0.0022	29.83	43.66	0.00	0.00	-0.10	-1.39	15.0
54172	797.7	636.6	-1280.9	-90.8	269.7	-221.1	0.0288	0.0171	0.0022	32.59	50.91	50.91	0.00	-0.29	-1.48	8.3
54173	800.8	619.4	-1288.2	-92.2	238.2	-205.7	0.0288	0.0171	0.0022	32.90	46.86	46.86	0.00	-0.26	-1.46	15.0
54174	722.5	563.6	-1406.3	87.1	-260.2	266.7	0.0288	0.0171	0.0022	27.43	40.13	0.00	0.00	-0.09	-1.51	10.7
54175	543.7	475.2	-1316.2	163.8	-313.6	258.8	0.0288	0.0171	0.0057	23.64	39.75	120.34	0.00	-0.25	-2.09	0.0
54176	-202.2	-140.1	-3978.8	264.4	-1733.6	278.9	0.0288	0.0171	0.0057	17.60	29.59	89.57	0.00	-0.65	-5.19	0.0
54177	-556.4	-467.9	-5627.9	275.7	915.1	-1455.3	0.0288	0.0171	0.0057				-0.08	-0.40	-6.17	
54178	189.2	134.2	-2861.4	203.6	1253.2	-1246.6	0.0288	0.0171	0.0057	28.15	47.34	143.31	0.00	-0.45	-4.52	0.0
54179	766.5	562.8	-1306.9	119.9	363.8	193.5	0.0288	0.0171	0.0045	31.20	52.47	201.15	0.00	-0.39	-2.28	0.0
54180	912.5	659.9	-1281.5	90.6	250.4	-222.2	0.0288	0.0171	0.0045	33.20	55.83	214.02	0.00	-0.29	-2.29	0.0
54181	953.9	708.5	-1252.7	78.6	221.8	-199.6	0.0288	0.0171	0.0045	34.34	57.74	221.37	0.00	-0.27	-2.29	0.0
54182	957.2	728.2	-1241.7	69.6	201.0	-193.3	0.0288	0.0171	0.0045	34.25	57.60	220.80	0.00	-0.25	-2.27	0.0
54183	446.9	439.3	-1292.3	180.0	312.3	-230.3	0.0288	0.0171	0.0022	23.77	33.60	0.00	0.00	-0.23	-1.43	12.8
54184	512.4	478.1	-1289.8	146.9	313.0	-236.6	0.0288	0.0171	0.0022	23.40	35.90	0.00	0.00	-0.16	-1.43	8.5
54185	592.7	532.7	-1286.1	123.6	312.1	-248.4	0.0288	0.0171	0.0022	25.14	38.10	0.00	0.00	-0.12	-1.42	10.6
54186	680.5	576.8	-1282.6	113.2	305.5	-252.3	0.0288	0.0171	0.0022	27.65	40.38	0.00	0.00	-0.10	-1.41	14.4
54187	753.4	588.4	-1281.9	99.9	293.8	-243.3	0.0288	0.0171	0.0022	29.38	41.50	0.00	0.00	-0.09	-1.40	12.8
54188	799.4	582.2	-1284.6	-89.6	275.3	-227.8	0.0288	0.0171	0.0022	32.30	49.96	49.96	0.00	-0.31	-1.49	8.3
54189	805.6	570.7	-1298.3	-94.6	240.9	-196.9	0.0288	0.0171	0.0022	32.69	45.15	45.05	0.00	-0.27	-1.47	15.0
54190	753.3	546.4	-1351.4	-72.6	-206.9	209.0	0.0288	0.0171	0.0022	29.24	44.00	44.00	0.00	-0.24	-1.51	9.8
54191	581.1	467.9	-1358.4	125.5	-344.3	238.9	0.0288	0.0171	0.0057	23.57	39.63	119.98	0.00	-0.22	-2.13	0.0
54192	-173.3	-152.8	-4012.7	229.9	-1708.0	637.2	0.0288	0.0171	0.0057	16.55	27.83	84.25	0.00	-0.53	-5.24	0.0
54193	-703.1	-639.1	-6402.6	283.1	436.1	512.8	0.0288	0.0171	0.0057				-0.31	-0.96	-6.48	
54194	40.7	-16.3	-3471.7	237.0	1729.4	192.8	0.0288	0.0171	0.0057	29.45	49.53	149.92	0.00	-0.96	-5.03	0.0
54195	764.9	568.0	-1144.6	153.8	263.9	-216.2	0.0288	0.0171	0.0045	29.80	50.12	192.13	0.00	-0.32	-2.07	0.0
54196	883.5	645.6	-1368.0	105.4	271.2	-233.1	0.0288	0.0171	0.0045	32.57	54.76	209.94	0.00	-0.29	-2.37	0.0
54197	931.5	710.5	-1284.9	74.8	209.9	-194.7	0.0288	0.0171	0.0045	33.49	56.31	215.89	0.00	-0.25	-2.29	0.0
54198	933.1	733.7	-1279.1	45.6	188.3	-191.1	0.0288	0.0171	0.0045	33.09	55.65	213.34	0.00	-0.21	-2.27	0.0
54263	939.9	726.0	-1236.5	63.0	186.7	-192.1	0.0288	0.0171	0.0045	33.52	56.37	216.09	0.00	-0.23	-2.24	0.0
54264	903.4	702.0	-1240.6	60.1	-203.9	-200.3	0.0288	0.0171	0.0045	32.96	55.43	212.50	0.00	-0.26	-2.23	0.0
54265	836.3	655.6	-1237.5	-77.9	-221.0	-198.6	0.0288	0.0171	0.0045	30.40	51.12	195.98	0.00	-0.21	-2.16	0.0
54266	684.2	555.5	-1345.1	-118.7	-328.3	-265.2	0.0288	0.0171	0.0045	26.69	44.87	172.03	0.00	-0.21	-2.21	0.0
54267	369.0	365.4	-1496.3	-205.7	-526.6	-414.4	0.0288	0.0171	0.0057	20.12	33.84	102.43	0.00	-0.19	-2.31	0.0
54268	-485.1	-293.6	-4122.2	-302.0	-1682.3	-717.7	0.0288	0.0284	0.0057	6.07	6.15	30.90	0.00	-0.34	-5.09	0.0
54269	-1096.5	-777.2	-6609.2	-299.1	342.7	-405.4	0.0288	0.0171	0.0057				-0.55	-1.27	-6.66	
54270	-428.2	-154.7	-3831.0	-197.5	1718.6	485.4	0.0288	0.0284	0.0057	10.03	10.16	51.05	0.00	-0.38	-4.90	0.0
54271	305.0	471.2	-1222.7	263.6	333.0	266.7	0.0288	0.0171	0.0022	37.17	40.08	39.98	0.00	-0.81	-1.48	15.0
54272	433.3	558.1	-1247.0	349.9	232.8	206.5	0.0288	0.0171	0.0140	31.09	52.27	64.13	0.00	-0.75	-2.19	0.0
54273	458.5	596.9	-1194.1	391.3	216.8	206.1	0.0288	0.0171	0.0140	33.54	56.39	69.18	0.00	-0.83	-2.20	0.0
54274	437.6	611.6	-1175.6	408.2	-228.4	-218.3	0.0288	0.0171	0.0140	34.28	57.65	70.72	0.00	-0.88	-2.21	0.0
54275	387.2	609.5	-1164.7	414.9	-242.6	-227.5	0.0288	0.0171	0.0140	33.96	57.11	70.06	0.00	-0.91	-2.20	0.0
54276	316.6	591.9	-1157.5	418.2	-253.7	-228.5	0.0288	0.0171	0.0140	32.90	55.32	67.86	0.00	-0.93	-2.16	0.0
54277	226.6	572.3	-1150.8	418.3	292.9	-226.2	0.0288	0.0171	0.0140	29.59	49.76	61.05	0.00	-0.79	-2.12	0.0
54278	115.2	557.6	-1143.7	412.1	355.6	-233.1	0.0288	0.0284	0.0140	27.92	28.28	57.60	0.00	-0.78	-2.10	0.0
54279	915.0	730.9	-1273.3	18.6	-176.2	-190.6	0.0288	0.0171	0.0045	32.47	54.60	209.30	0.00	-0.19	-2.24	0.0
54280	877.9	701.7	-1273.7	-32.3	-196.1	-190.5	0.0288	0.0171	0.0045	31.14	52.36	200.73	0.00	-0.18	-2.21	0.0
54281	802.6	639.8	-1317.2	-62.5	-240.2	-242.8	0.0288	0.0171	0.0045	29.05	48.85	187.27	0.00	-0.17	-2.21	0.0
54282	667.0	554.7	-1205.1	-117.9	-252.9	212.4	0.0288	0.0171	0.0045	27.61	46.42	177.96	0.00	-0.31	-2.05	0.0
54283	196.0	204.0	-2148.2	-225.6	-992.2	-846.0	0.0288	0.0171	0.0057	20.86	35.07	106.17	0.00	-0.18	-3.37	0.0
54284	-642.8	-453.3	-4982.5	-290.2	-1187.6	-775.8	0.0288	0.0171	0.0057				-0.24	-0.42	-5.42	
54285	-863.5	-555.6	-5563.3	-241.6	817.4	1609.0	0.0288	0.0171	0.0057				-0.08	-0.73	-6.17	
54286	-219.2	44.0	-2901.1	-127.7	1150.6	1414.0	0.0288	0.0171	0.0057	26.22	44.09	133.47	0.00	-0.77	-4.57	0.0
54287	295.5	458.4	-1330.6	245.8	373.4	192.6	0.0288	0.0171	0.0022	34.60	36.83	36.73	0.00	-0.71	-1.58	15.0
54288	418.6	542.3	-1236.7	320.5	231.2	210.9	0.0288	0.0171	0.0140	29.61	49.79	61.08	0.00	-0.70	-2.14	0.0
54289	433.4	570.4	-1197.7	359.9	-217.6	-204.7	0.0288	0.0171	0.0140	31.59	53.13	65.17	0.00	-0.77	-2.15	0.0
54290	411.4	578.3	-1181.2	383.2	-236.2	-225.7	0.0288	0.0171	0.0140	32.52	54.68	67.08	0.00	-0.83	-2.17	0.0
54291	370.6	573.3	-1169.7	393.5	-250.1	-241.1	0.0288	0.0171	0.0140	32.45	54.56	66.93	0.00	-0.87	-2.16	0.0
54292	314.8	548.4	-1163.1	394.5	-259.7	-241.7	0.0288	0.0171	0.0140	31.32	52.67	64.61	0.00	-0.88	-2.13	0.0
54293	235.6	522.9	-1157.8	390.4	286.9	-234.8	0.0288	0.0171	0.0140	27.63	46.46	56.99	0.00	-0.72	-2.06	0.0
54294	131.9	504.1	-1152.3	379.5	335.3	-237.1	0.0288	0.0171	0.0140	25.73	43.26	53.07	0.00	-0.70	-2.03	0.0
54295	704.1	456.4	-734.8	-221.9	1948.2	-463.2	0.0216	0.0272	0.0244	100.67	80.08	89.14	0.00	-1.81	-4.30	0.0
54296	611.3	471.5	-786.8	509.4	1593.2	-756.1	0.0220	0.0270	0.0244	75.04	61.17	67.61	0.00	-0.86	-3.80	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
54305	49.6	302.2	-1031.1	171.0	226.9	-506.8	0.0216	0.0159	0.0244	22.78	31.02	20.18	0.00	-0.41	-1.75	0.0
54306	27.8	291.1	-1032.7	149.3	262.0	-494.5	0.0220	0.0157	0.0244	21.10	29.59	19.01	0.00	-0.38	-1.73	0.0
54315	123.1	269.5	-1137.9	-149.2	234.3	-376.7	0.0401	0.0171	0.0140	12.06	28.25	34.65	0.00	-0.45	-1.74	0.0
54316	118.7	219.2	-1149.8	-114.7	234.9	-359.3	0.0401	0.0171	0.0140	10.28	24.06	29.52	0.00	-0.37	-1.68	0.0
54317	86.1	343.6	-1163.7	239.2	378.1	-310.3	0.0401	0.0171	0.0140	12.23	28.65	35.15	0.00	-0.37	-1.84	0.0
54318	43.7	309.9	-1168.8	174.1	370.8	-310.4	0.0401	0.0171	0.0140	10.17	23.81	29.21	0.00	-0.29	-1.75	0.0
54319	-98.0	436.4	-1158.3	310.7	495.0	-282.5	0.0401	0.0171	0.0140	14.48	33.92	41.61	0.00	-0.55	-2.01	0.0
54320	-99.0	397.3	-1162.7	261.1	459.1	-286.3	0.0401	0.0171	0.0140	12.83	30.04	36.86	0.00	-0.49	-1.92	0.0
54321	-57.4	500.4	-1143.5	360.5	487.1	-266.2	0.0401	0.0171	0.0140	16.89	39.56	48.54	0.00	-0.65	-2.08	0.0
54322	-37.9	453.9	-1151.0	318.5	445.8	-268.4	0.0401	0.0171	0.0140	15.25	35.72	43.82	0.00	-0.58	-1.99	0.0
54323	15.6	535.6	-1139.8	394.3	428.3	-250.0	0.0288	0.0284	0.0140	25.97	26.30	53.58	0.00	-0.73	-2.10	0.0
54324	36.4	483.1	-1149.0	357.2	394.3	-251.5	0.0288	0.0171	0.0140	23.66	39.79	48.81	0.00	-0.66	-2.02	0.0
54389	61.7	282.9	-1113.6	132.2	89.0	-150.8	0.0115	0.0153	0.0127	30.65	22.95	27.66	0.00	-0.33	-1.49	0.0
54390	81.9	264.4	-1146.0	147.7	93.3	-148.4	0.0127	0.0147	0.0127	27.68	23.93	27.68	0.00	-0.33	-1.52	0.0
54391	104.3	242.6	-1164.2	159.2	94.3	-139.1	0.0119	0.0140	0.0127	29.48	24.96	27.53	0.00	-0.33	-1.54	0.0
54392	127.1	216.9	-1174.4	166.2	93.7	-128.9	0.0133	0.0133	0.0127	25.94	25.99	27.19	0.00	-0.33	-1.54	0.0
54393	150.6	190.7	-1182.3	169.2	93.2	-121.2	0.0148	0.0125	0.0127	23.03	27.24	26.88	0.00	-0.32	-1.54	0.0
54394	174.0	165.5	-1188.6	169.0	93.0	-114.5	0.0164	0.0118	0.0127	20.70	28.80	26.67	0.00	-0.32	-1.55	0.0
54395	197.6	141.5	-1192.9	166.1	92.3	-107.4	0.0179	0.0110	0.0127	18.87	30.72	26.59	0.00	-0.32	-1.55	0.0
54396	221.2	118.2	-1194.9	160.3	90.1	-99.6	0.0194	0.0103	0.0127	17.43	32.98	26.61	0.00	-0.32	-1.55	0.0
54397	244.2	95.4	-1195.1	151.2	86.0	-91.4	0.0208	0.0095	0.0127	16.26	35.51	26.66	0.00	-0.32	-1.55	0.0
54398	265.5	73.9	-1193.6	138.5	80.2	-83.1	0.0222	0.0089	0.0127	15.29	38.16	26.66	0.00	-0.33	-1.54	0.0
54399	284.2	54.3	-1190.9	122.4	-73.5	-75.2	0.0233	0.0083	0.0127	14.70	41.45	27.01	0.00	-0.34	-1.54	0.0
54400	299.5	37.2	-1187.2	103.3	-74.6	-67.7	0.0244	0.0078	0.0127	13.98	43.91	26.83	0.00	-0.34	-1.54	0.0
54401	311.2	23.3	-1182.4	82.0	-75.6	-60.6	0.0252	0.0073	0.0127	13.39	46.09	26.60	0.00	-0.34	-1.53	0.0
54402	318.8	12.9	-1175.8	59.2	-77.0	-53.7	0.0259	0.0070	0.0127	12.92	47.78	26.34	0.00	-0.33	-1.52	0.0
54403	322.2	5.7	-1165.5	35.2	-79.3	-47.5	0.0263	0.0068	0.0127	12.55	48.78	26.03	0.00	-0.33	-1.50	0.0
54404	322.3	3.3	-1154.0	13.1	-82.3	-41.6	0.0266	0.0067	0.0127	12.33	49.13	25.78	0.00	-0.32	-1.49	0.0
54469	69.6	318.3	-1238.3	149.9	84.3	-164.6	0.0115	0.0153	0.0127	34.58	25.90	31.22	0.00	-0.38	-1.66	0.0
54470	90.5	295.1	-1269.0	164.5	86.5	-151.6	0.0127	0.0147	0.0127	30.82	26.64	30.82	0.00	-0.38	-1.68	0.0
54471	111.2	263.4	-1276.4	172.4	87.0	-130.2	0.0119	0.0140	0.0127	31.85	26.96	29.75	0.00	-0.36	-1.67	0.0
54472	134.7	231.8	-1280.8	178.6	88.4	-116.4	0.0133	0.0133	0.0127	27.72	27.78	29.06	0.00	-0.36	-1.67	0.0
54473	159.4	201.8	-1284.3	181.1	90.7	-107.1	0.0148	0.0125	0.0127	24.48	28.96	28.58	0.00	-0.35	-1.66	0.0
54474	184.0	173.8	-1286.9	179.3	93.6	-99.5	0.0164	0.0118	0.0127	21.88	30.44	28.19	0.00	-0.34	-1.66	0.0
54475	207.7	147.8	-1288.2	174.1	96.2	-91.8	0.0179	0.0110	0.0127	19.80	32.22	27.90	0.00	-0.34	-1.66	0.0
54476	230.5	123.1	-1288.1	165.9	97.9	-83.7	0.0194	0.0103	0.0127	18.13	34.30	27.68	0.00	-0.34	-1.65	0.0
54477	252.2	99.6	-1286.7	154.6	98.1	-75.3	0.0208	0.0095	0.0127	16.78	36.63	27.50	0.00	-0.34	-1.65	0.0
54478	272.0	77.8	-1284.3	140.3	97.0	-67.1	0.0222	0.0089	0.0127	15.68	39.12	27.33	0.00	-0.33	-1.64	0.0
54479	289.2	58.5	-1280.9	123.0	94.8	-59.2	0.0233	0.0083	0.0127	14.78	41.65	27.15	0.00	-0.33	-1.63	0.0
54480	303.4	42.1	-1276.7	103.4	92.0	-51.5	0.0244	0.0078	0.0127	14.04	44.10	26.94	0.00	-0.33	-1.63	0.0
54481	314.3	29.1	-1271.6	81.8	-91.9	-44.1	0.0252	0.0073	0.0127	13.56	46.66	26.93	0.00	-0.33	-1.62	0.0
54482	322.0	19.0	-1265.8	59.0	-93.3	-36.7	0.0259	0.0070	0.0127	13.09	48.41	26.68	0.00	-0.33	-1.61	0.0
54483	326.4	14.3	-1254.3	36.5	-93.3	-28.2	0.0263	0.0068	0.0127	12.77	49.61	26.47	0.00	-0.33	-1.60	0.0
54484	319.9	4.4	-1231.3	15.7	-97.2	-26.6	0.0266	0.0067	0.0127	12.30	49.02	25.72	0.00	-0.32	-1.56	0.0
54485	367.1	404.1	-1294.9	205.7	268.1	-216.9	0.0288	0.0171	0.0022	20.56	34.58	265.14	0.00	-0.34	-1.96	0.0
54486	347.5	380.9	-1288.1	197.9	243.3	-207.3	0.0288	0.0171	0.0022	19.54	32.86	251.94	0.00	-0.33	-1.92	0.0
54487	351.3	354.1	-1282.8	197.1	242.6	-212.1	0.0266	0.0171	0.0022	20.67	32.11	246.21	0.00	-0.33	-1.90	0.0
54488	385.2	319.4	-1278.1	200.3	231.1	-220.6	0.0266	0.0171	0.0022	20.90	32.46	248.89	0.00	-0.34	-1.90	0.0
54489	428.2	294.8	-1270.3	204.5	214.6	-220.8	0.0266	0.0171	0.0022	21.72	33.73	258.64	0.00	-0.37	-1.91	0.0
54490	461.9	288.6	-1260.2	209.4	201.8	-215.1	0.0266	0.0171	0.0022	22.68	35.22	270.03	0.00	-0.40	-1.92	0.0
54491	484.4	296.6	-1249.8	208.9	192.2	-208.2	0.0266	0.0171	0.0022	23.34	36.25	277.94	0.00	-0.41	-1.93	0.0
54492	498.7	307.1	-1239.8	201.7	184.3	-202.7	0.0266	0.0171	0.0022	25.45	31.25	0.00	0.00	-0.32	-1.32	11.8
54493	507.1	315.6	-1230.2	190.7	177.4	-199.3	0.0266	0.0171	0.0022	24.23	33.98	0.00	0.00	-0.33	-1.31	7.2
54494	510.5	322.5	-1221.2	179.0	170.7	-197.0	0.0266	0.0171	0.0022	23.30	36.19	277.46	0.00	-0.36	-1.89	0.0
54495	509.9	327.8	-1212.3	167.8	164.3	-195.3	0.0266	0.0171	0.0022	22.96	35.66	273.40	0.00	-0.34	-1.87	0.0
54496	505.8	331.1	-1204.3	157.3	157.9	-194.0	0.0266	0.0171	0.0022	22.52	34.98	268.23	0.00	-0.32	-1.85	0.0
54497	498.5	332.3	-1197.2	147.3	151.6	-192.7	0.0266	0.0171	0.0022	22.00	34.17	261.98	0.00	-0.30	-1.82	0.0
54498	487.8	331.1	-1190.0	137.8	145.2	-191.3	0.0266	0.0171	0.0022	21.37	33.19	254.49	0.00	-0.28	-1.80	0.0
54499	473.3	327.7	-1183.4	128.9	139.4	-189.5	0.0266	0.0171	0.0022	20.63	32.05	245.73	0.00	-0.26	-1.77	0.0
54500	454.6	324.4	-1177.4	121.3	133.9	-187.6	0.0266	0.0171	0.0022	19.82	30.79	236.08	0.00	-0.24	-1.74	0.0
54501	315.0	396.1	-1297.3	219.2	251.0	-210.2	0.0288	0.0171	0.0022	20.08	33.77	258.94	0.00	-0.37	-1.95	0.0
54502	301.9	362.5	-1288.9	213.9	217.6	-192.9	0.0288	0.0171	0.0022	19.03	32.01	245.41	0.00	-0.37	-1.89	0.0
54503	308.2	335.9	-1281.7	213.7	214.3	-191.4	0.0266	0.0171	0.0022	20.16	31.31	240.03	0.00	-0.37	-1.87	0.0
54504	334.3	304.5	-1275.3	213.4	207.2	-196.0	0.0266	0.0171	0.0022	20.05	31.15	238.82	0.00	-0.37	-1.87	0.0
54505	369.3	276.6	-1267.7	214.0	197.9	-199.1	0.0266	0.0171	0.0022	20.39	31.67	242.80	0.00	-0.38	-1.87	0.0
54506	400.2	260.6	-1258.6	215.9	190.2	-198.4	0.0266	0.0171	0.0022	20.98	32.58	249.83	0.00	-0.40	-1.87	0.0
54507	423.2	255.0	-1248.8	214.6	184.7	-195.7	0.0266	0.0171	0.0022	21.45	33.31	255.43	0.00	-0.41	-1.87	0.0
54508	439.6	253.8	-1239.0	207.3	180.3	-193.0	0.0266	0.0171	0.0022	21.62	33.58	257.47	0.00	-0.41	-1.86	0.0
54509	451.0	253.6	-1229.4	195.1	176.2	-190.9	0.0266	0.0171	0.0022	21.52	33.42	256.26	0.00	-0.39	-1.85	0.0
54510	458.2	253.3	-1220.1	180.3	172.2	-189.4	0.0266	0.0171	0.0022	21.23	32.98	252.87	0.00	-0.37	-1.83	0.0
54511	461.8	252.8	-1211.2	164.4	168.2	-188.2	0.0266	0.0171	0.0022	20.83	32.35	248.03	0.00	-0.35	-1.81	0.0
54512	462.1	251.9	-1202.6	148.2	163.9	-187.1	0.0266	0.0171	0.0022	20.33	31.58	242.15	0.00	-0.32	-1.79	0.0
54513	459.1	250.4	-1194.4	132.4	159.5	-186.0	0.0266	0.0171	0.0022	19.76	30.70	235.37	0.00	-0.30	-1.76	0.0
54514	452.3	247.5	-1186.9	117.3	154.9	-184.8	0.0266	0.0171	0.0022	19.11	29.68	227.58	0.00	-0.28	-1.74	0.0
54515	441.4	241.6	-1180.1	103.8	150.5	-182.7	0.0266	0.0171	0.0022	18.36	28.52	218.68	0.00	-0.26	-1.71	0.0
54516	426.1	234.7	-1174.0	92.5	146.5	-179.8	0.0266	0.0171	0.0022	17.54	27.25	208.93	0.00	-0.24	-1.68	0.0
54517	271.7	389.9	-1301.4	225.3	227.0	-199.9	0.0288	0.0171	0.0022	19.58	32.92	252.44	0.00	-0.40	-1.93	0.0
54518	259.9	349.4	-1291.8	219.8	188.5	-178.1	0.0288	0.0171	0.0022	18.37	30.89	236.85	0.00	-0.40	-1.87	0.0
54519	267.2	322.2	-1283.3	220.2	185.4	-172.8	0.0266	0.0171	0.0022	19.42	30.16	231.27	0.00	-0.40	-1.85	0.0
54520	290.4	293.8	-1275.8	220.1	181.3	-173.7	0.0266	0.0171	0.0022	19.25	29.90	229.27	0.00	-0.39	-1.83	0.0
54521	320.9	265.6	-1267.9	219.2	176.2	-175.5	0.0266	0.0171	0.0022	19.33	30.03	230.24	0.00	-0.40	-1.83	0.0
54522	349.8	243.4	-1259.1	218.1	171.7	-175.7	0.0266	0.0171	0.0022	19.60	30.45	233.46	0.00	-0.41	-1.82	0.0
54523	373.2	228.6	-1249.6	214.7	168.3	-174.5	0.0266	0.0171	0.0022	19.85	30.83	236.41	0.00	-0.41	-1.82	0.0
54524	391.2	218.4	-1239.9	206.5	165.7	-172.8	0.0266	0.0171	0.0022	19.91	30.93	237.14	0.00	-0.41	-1.81	0.0
54525	405.0	210.6	-1230.3	193.6	163.4	-171.2	0.0266	0.0171	0.0022	19.77	30.71	235.42	0.00	-0.40	-1.80	0.0
54526	415.1	204.0	-1220.8	177.5	160.9	-169.9	0.0266	0.0171	0.0022	19.47	30.24	231.87	0.00	-0.38	-1.78	0.0
54527	421.9	198.4	-1211.7	159.5	158.4	-168.7	0.0266	0.0171	0.0022	19.07	29.62	227.09	0.00	-0.36	-1.76	0.0
54528	425.4	193.4	-1202.9	140.7	155.6	-167.6	0.0266	0.0171	0.0022	18.60	28.89	221.49	0.00	-0.33	-1.74	0.0
54529	425.6	189.1	-1194.5	122.0	152.6	-166.6	0.0266	0.0171	0.0022	18.08	28.08	215.28	0.00	-0.31	-1.71	0.0
54530	422.1	185.1	-1186.6	104.0	149.2	-165.5	0.0266	0.0171	0.0022	17.50	27.18	208.41	0.00	-0.29	-1.69	0.0
54531	413.7	176.7	-1179.4	87.9	145.8	-163.5	0.0266	0.0171	0.0022	16.83	26.14	200.46	0.00	-0.27	-1.66	0.0
54532	400.6	162.4	-1173.5	74.7	143.8	-158.0	0.0266	0.0171	0.0022	16.09	24.99	191.64	0.00	-0.26	-1.63	0.0
54533	233.8	386.8	-1312.6	226.8	190.9	-190.3	0.0288	0.0171	0.0022	19.12	32.15	246.52	0.00	-0.43	-1.91	0.0
54534	218.6	339.8	-1301.9	217.8	150.4	-163.2	0.0288	0.0171	0.0022	17.57	29.55	226.59	0.00	-0.42	-1.84	0.0
54535	228.4	311.3	-1292.5	217.4	150.4	-153.8	0.0266	0.0171	0.0022	18.48	28.70	220.02	0.00	-0.41	-1.82	0.0
54536	251.7	285.3	-1284.6	217.3	149.6	-150.8	0.0266	0.0171	0.0022	18.28	28.40	217.75	0.00	-0.40	-1.80	0.0
54537	279.8	258.1	-1276.6	215.3	148.3	-149.7	0.0266	0.0171	0.0022	18.21	28.29	216.90	0.00	-0.40	-1.79	0.0
54538	307.1	233.0	-1268.0	211.6	147.3	-148.5	0.0266	0.0171	0.0022	18.23	28.32	217.10	0.00	-0.40	-1.79	0.0
54539	330.3	212.1	-1258.8	205.6	146.9	-146.5	0.0266	0.0171	0.0022	18.25	28.35	217.38	0.00	-0.40	-1.78	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
54540	349.4	195.1	-1249.3	196.1	146.9	-144.1	0.0266	0.0171	0.0022	18.19	28.25	216.63	0.00	-0.39	-1.76	0.0
54541	365.0	180.9	-1239.7	182.7	146.9	-141.6	0.0266	0.0171	0.0022	18.01	27.97	214.45	0.00	-0.38	-1.75	0.0
54542	377.5	168.8	-1230.3	166.1	146.8	-139.3	0.0266	0.0171	0.0022	17.73	27.54	211.13	0.00	-0.37	-1.73	0.0
54543	386.9	158.3	-1221.1	147.8	146.4	-137.2	0.0266	0.0171	0.0022	17.39	27.01	207.07	0.00	-0.35	-1.71	0.0
54544	393.0	149.6	-1212.2	128.8	145.7	-135.3	0.0266	0.0171	0.0022	17.01	26.42	202.58	0.00	-0.33	-1.69	0.0
54545	395.6	142.2	-1203.6	110.2	144.7	-133.7	0.0266	0.0171	0.0022	16.61	25.80	197.78	0.00	-0.32	-1.67	0.0
54546	395.0	137.7	-1195.6	92.1	143.1	-132.1	0.0266	0.0171	0.0022	16.18	25.13	192.70	0.00	-0.30	-1.65	0.0
54547	391.1	129.9	-1186.6	74.2	139.8	-131.5	0.0266	0.0171	0.0022	15.69	24.37	186.86	0.00	-0.29	-1.63	0.0
54548	378.6	102.1	-1181.2	61.2	139.7	-121.1	0.0266	0.0171	0.0022	15.03	23.34	178.97	0.00	-0.29	-1.61	0.0
54549	178.1	389.3	-1339.8	228.5	121.3	-211.0	0.0288	0.0171	0.0022	18.83	31.67	242.82	0.00	-0.48	-1.92	0.0
54550	166.7	323.3	-1331.8	209.5	100.4	166.2	0.0288	0.0171	0.0022	16.99	28.56	219.00	0.00	-0.47	-1.84	0.0
54551	186.8	293.9	-1324.7	208.1	110.1	150.1	0.0266	0.0171	0.0022	17.83	27.70	212.35	0.00	-0.45	-1.82	0.0
54552	212.0	271.1	-1319.6	206.4	116.1	140.8	0.0266	0.0171	0.0022	17.61	27.36	209.77	0.00	-0.44	-1.81	0.0
54553	239.1	246.5	-1314.3	202.5	121.9	133.7	0.0266	0.0171	0.0022	17.43	27.07	207.56	0.00	-0.42	-1.80	0.0
54554	264.8	220.7	-1308.5	195.9	127.8	127.1	0.0266	0.0171	0.0022	17.22	26.75	205.10	0.00	-0.41	-1.79	0.0
54555	287.9	195.9	-1302.2	186.5	133.7	120.3	0.0266	0.0171	0.0022	17.00	26.41	202.48	0.00	-0.40	-1.77	0.0
54556	308.2	173.4	-1295.4	174.5	139.3	113.0	0.0266	0.0171	0.0022	16.77	26.05	199.71	0.00	-0.39	-1.76	0.0
54557	325.9	153.5	-1288.2	159.8	144.3	105.3	0.0266	0.0171	0.0022	16.52	25.66	196.74	0.00	-0.38	-1.75	0.0
54558	340.8	135.8	-1280.8	143.4	148.6	97.6	0.0266	0.0171	0.0022	16.27	25.27	193.74	0.00	-0.37	-1.73	0.0
54559	352.6	120.3	-1273.2	127.0	152.2	90.1	0.0266	0.0171	0.0022	16.04	24.91	191.01	0.00	-0.36	-1.72	0.0
54560	361.0	107.2	-1265.6	111.7	155.0	83.3	0.0266	0.0171	0.0022	15.83	24.59	188.51	0.00	-0.36	-1.71	0.0
54561	365.7	96.6	-1258.1	97.1	157.1	77.1	0.0266	0.0171	0.0022	15.60	24.23	185.79	0.00	-0.35	-1.69	0.0
54562	367.0	87.7	-1250.0	83.2	158.5	72.7	0.0266	0.0171	0.0022	15.33	23.81	182.56	0.00	-0.34	-1.68	0.0
54563	368.3	88.0	-1244.7	68.9	158.1	-67.9	0.0266	0.0171	0.0022	14.90	23.13	177.38	0.00	-0.32	-1.66	0.0
54564	383.5	43.9	-1201.0	46.7	143.9	69.4	0.0266	0.0171	0.0022	15.19	23.60	180.92	0.00	-0.36	-1.62	0.0
54629	316.5	2.9	-1146.8	-13.0	-87.2	-40.2	0.0266	0.0067	0.0127	12.12	48.29	25.34	0.00	-0.32	-1.48	0.0
54630	306.7	4.6	-1143.5	-35.5	-93.3	-42.9	0.0263	0.0068	0.0127	12.00	46.62	24.88	0.00	-0.31	-1.47	0.0
54631	293.6	11.6	-1137.9	-56.3	-98.9	-46.9	0.0259	0.0070	0.0127	11.96	44.23	24.38	0.00	-0.31	-1.46	0.0
54632	278.8	21.1	-1128.7	-75.5	-104.1	-53.1	0.0252	0.0073	0.0127	12.07	41.53	23.97	0.00	-0.30	-1.44	0.0
54633	261.1	33.3	-1118.1	-92.1	-108.0	-61.7	0.0244	0.0078	0.0127	12.24	38.44	23.49	0.00	-0.29	-1.43	0.0
54634	241.0	47.3	-1106.6	-105.8	-109.8	-73.6	0.0233	0.0083	0.0127	12.48	35.17	22.92	0.00	-0.28	-1.41	0.0
54635	218.9	62.8	-1094.1	-116.4	-109.1	-89.9	0.0222	0.0089	0.0127	12.78	31.90	22.28	0.00	-0.27	-1.39	0.0
54636	195.7	79.2	-1080.8	-123.5	113.6	-111.8	0.0208	0.0095	0.0127	14.01	30.58	22.96	0.00	-0.29	-1.39	0.0
54637	172.0	95.8	-1066.4	-127.4	135.8	-140.7	0.0194	0.0103	0.0127	15.17	28.70	23.16	0.00	-0.29	-1.39	0.0
54638	149.0	112.3	-1051.1	-128.2	161.7	-178.6	0.0179	0.0110	0.0127	16.89	27.50	23.81	0.00	-0.30	-1.40	0.0
54639	127.9	128.8	-1035.4	-127.1	191.8	-228.3	0.0164	0.0118	0.0127	19.59	27.25	25.23	0.00	-0.32	-1.42	0.0
54640	110.8	146.8	-1020.2	-125.9	225.3	-292.6	0.0148	0.0125	0.0127	23.92	28.30	27.92	0.00	-0.35	-1.47	0.0
54641	98.2	169.7	-1005.7	-127.4	258.4	-371.8	0.0133	0.0133	0.0127	30.84	30.90	32.33	0.00	-0.41	-1.56	0.0
54642	94.9	203.7	-990.8	-133.9	290.0	-461.5	0.0232	0.0140	0.0127	21.30	35.22	38.86	0.00	-0.49	-1.68	0.0
54643	90.2	266.6	-960.6	-156.9	281.5	-555.0	0.0240	0.0147	0.0244	25.20	41.17	24.77	0.00	-0.61	-1.81	0.0
54644	313.7	420.0	-877.3	456.4	759.4	-758.4	0.0228	0.0266	0.0244	36.62	31.33	34.14	0.00	-0.19	-2.46	0.0
54709	315.6	2.9	-1224.9	-16.3	-101.1	-25.9	0.0266	0.0067	0.0127	12.15	48.42	25.41	0.00	-0.32	-1.55	0.0
54710	299.0	13.1	-1233.0	-32.7	-102.3	-26.6	0.0263	0.0068	0.0127	11.73	45.58	24.32	0.00	-0.30	-1.55	0.0
54711	288.0	16.8	-1227.6	-54.1	-106.6	-34.7	0.0259	0.0070	0.0127	11.76	43.49	23.98	0.00	-0.30	-1.54	0.0
54712	273.0	25.6	-1218.0	-72.5	-109.5	-42.9	0.0252	0.0073	0.0127	11.83	40.71	23.50	0.00	-0.29	-1.53	0.0
54713	254.7	36.5	-1208.0	-88.0	-111.2	-52.7	0.0244	0.0078	0.0127	11.93	37.47	22.89	0.00	-0.28	-1.51	0.0
54714	234.2	49.4	-1197.1	-100.5	-111.4	-64.9	0.0233	0.0083	0.0127	12.09	34.09	22.21	0.00	-0.27	-1.49	0.0
54715	212.1	63.8	-1185.7	-109.9	116.9	-80.1	0.0222	0.0089	0.0127	12.82	31.99	22.35	0.00	-0.28	-1.48	0.0
54716	189.1	78.9	-1173.7	-116.1	129.0	-99.3	0.0208	0.0095	0.0127	13.47	29.41	22.08	0.00	-0.27	-1.47	0.0
54717	166.0	94.3	-1161.0	-119.1	142.9	-123.4	0.0194	0.0103	0.0127	14.39	27.23	21.97	0.00	-0.27	-1.46	0.0
54718	143.5	109.4	-1147.7	-119.2	159.0	-153.7	0.0179	0.0110	0.0127	15.69	25.54	22.11	0.00	-0.27	-1.46	0.0
54719	123.1	124.0	-1133.9	-117.0	177.4	-192.0	0.0164	0.0118	0.0127	17.62	24.52	22.70	0.00	-0.28	-1.47	0.0
54720	106.5	139.1	-1120.2	-114.4	198.2	-240.8	0.0148	0.0125	0.0127	20.66	24.44	24.12	0.00	-0.30	-1.49	0.0
54721	95.0	157.5	-1106.9	-114.2	219.5	-302.2	0.0133	0.0133	0.0127	25.60	25.64	26.83	0.00	-0.33	-1.54	0.0
54722	87.7	184.7	-1092.9	-118.9	231.9	-372.0	0.0232	0.0140	0.0127	16.99	28.08	30.98	0.00	-0.39	-1.62	0.0
54723	92.1	224.3	-1074.1	-131.3	265.5	-447.5	0.0240	0.0147	0.0244	19.96	32.62	19.62	0.00	-0.47	-1.73	0.0
54724	69.8	263.6	-1047.8	148.7	299.6	-505.7	0.0228	0.0153	0.0244	19.41	28.87	18.10	0.00	-0.30	-1.74	0.0
54725	431.1	324.9	-1171.8	115.5	128.6	-186.4	0.0266	0.0171	0.0022	18.99	29.49	226.11	0.00	-0.22	-1.71	0.0
54726	403.0	328.6	-1166.6	112.3	123.5	-186.1	0.0266	0.0171	0.0022	18.20	28.26	216.70	0.00	-0.20	-1.69	0.0
54727	371.8	331.4	-1162.1	-124.5	-127.5	-186.0	0.0266	0.0171	0.0022	17.97	27.91	214.02	0.00	-0.22	-1.68	0.0
54728	338.9	330.7	-1158.4	-139.7	-132.5	-185.7	0.0266	0.0171	0.0022	17.87	27.75	212.78	0.00	-0.24	-1.67	0.0
54729	305.3	326.5	-1154.7	-151.4	-137.3	-185.5	0.0266	0.0171	0.0022	17.62	27.37	209.88	0.00	-0.27	-1.66	0.0
54730	271.6	318.6	-1152.3	-160.0	-141.9	-185.7	0.0266	0.0171	0.0022	17.23	26.76	205.16	0.00	-0.29	-1.65	0.0
54731	238.7	306.9	-1151.1	-165.5	-146.3	-186.5	0.0266	0.0171	0.0022	16.68	25.90	198.61	0.00	-0.30	-1.64	0.0
54732	207.5	291.6	-1150.3	174.4	-150.7	-188.4	0.0266	0.0171	0.0022	17.48	27.14	208.12	0.00	-0.39	-1.65	0.0
54733	178.9	272.7	-1150.4	196.2	-155.2	-192.1	0.0266	0.0171	0.0022	17.49	27.16	208.24	0.00	-0.44	-1.65	0.0
54734	154.7	249.9	-1151.4	219.9	-160.4	-198.2	0.0266	0.0171	0.0022	17.57	27.29	209.23	0.00	-0.49	-1.66	0.0
54735	138.0	226.8	-1153.4	243.4	-166.8	-206.2	0.0266	0.0171	0.0022	17.78	27.62	211.75	0.00	-0.54	-1.67	0.0
54736	131.7	218.3	-1155.3	266.4	-176.0	-214.0	0.0266	0.0171	0.0022	18.48	28.70	220.01	0.00	-0.59	-1.69	0.0
54737	138.1	236.4	-1155.4	294.6	-189.3	-216.9	0.0266	0.0171	0.0022	20.11	31.23	239.48	0.00	-0.65	-1.74	0.0
54738	142.3	281.0	-1152.7	340.9	214.0	-215.9	0.0266	0.0171	0.0022	21.06	32.70	250.74	0.00	-0.61	-1.80	0.0
54739	120.5	342.4	-1151.4	378.8	242.0	-221.6	0.0288	0.0171	0.0140	21.76	36.60	44.90	0.00	-0.69	-1.88	0.0
54740	74.5	420.9	-1152.5	367.5	309.7	-238.6	0.0288	0.0171	0.0140	22.73	38.22	46.89	0.00	-0.68	-1.94	0.0
54741	405.4	235.6	-1168.1	84.3	142.3	-178.8	0.0266	0.0171	0.0022	16.65	25.86	198.28	0.00	-0.21	-1.65	0.0
54742	379.5	243.6	-1162.4	-88.6	138.0	-179.9	0.0266	0.0171	0.0022	16.90	26.25	201.24	0.00	-0.24	-1.64	0.0
54743	351.0	249.3	-1157.5	-109.9	134.4	-180.2	0.0266	0.0171	0.0022	16.88	26.22	201.06	0.00	-0.27	-1.64	0.0
54744	320.8	250.5	-1153.5	-128.6	-137.8	-179.9	0.0266	0.0171	0.0022	15.75	24.46	187.55	0.00	-0.23	-1.61	0.0
54745	289.0	248.6	-1150.3	-143.9	-141.1	-179.8	0.0266	0.0171	0.0022	15.57	24.18	185.40	0.00	-0.25	-1.60	0.0
54746	256.2	243.8	-1147.9	-155.6	-144.0	-179.9	0.0266	0.0171	0.0022	15.26	23.71	181.77	0.00	-0.27	-1.60	0.0
54747	223.3	236.1	-1146.1	-164.1	-146.6	-180.5	0.0266	0.0171	0.0022	14.83	23.03	176.58	0.00	-0.29	-1.58	0.0
54748	191.2	225.3	-1145.1	-169.5	-148.9	-182.0	0.0266	0.0171	0.0022	14.26	22.16	169.87	0.00	-0.30	-1.57	0.0
54749	160.6	212.0	-1144.8	-171.8	-151.1	-184.7	0.0266	0.0171	0.0022	13.58	21.09	161.72	0.00	-0.30	-1.55	0.0
54750	133.0	197.2	-1145.2	194.4	-153.5	-188.7	0.0266	0.0171	0.0022	15.05	23.38	179.24	0.00	-0.43	-1.58	0.0
54751	110.2	185.9	-1146.1	220.8	-156.8	-193.5	0.0266	0.0171	0.0022	15.48	24.04	184.34	0.00	-0.49	-1.60	0.0
54752	94.4	186.9	-1146.9	248.0	165.2	-197.7	0.0266	0.0171	0.0022	14.83	23.03	176.57	0.00	-0.45	-1.60	0.0
54753	86.0	203.0	-1146.7	281.3	185.9	-200.5	0.0266	0.0171	0.0022	16.27	25.27	193.73	0.00	-0.51	-1.65	0.0
54754	75.4	234.0	-1145.9	322.7	212.1	-206.6	0.0266	0.0171	0.0022	18.33	28.47	218.29	0.00	-0.58	-1.72	0.0
54755	48.9	290.0	-1146.8	353.7	249.8	-223.5	0.0288	0.0171	0.0140	18.89	31.76	38.96	0.00	-0.64	-1.80	0.0
54756	0.1	382.7	-1151.3	334.3	340.0	-251.8	0.0288	0.0171	0.0140	20.07	33.75	41.40	0.00	-0.61	-1.89	0.0
54757	380.2	163.4	-1167.4	65.0	141.0	-157.1	0.0266	0.0171	0.0022	15.20	23.61	180.99	0.00	-0.23	-1.60	0.0
54758	354.7	178.8	-1161.0	-78.2	137.6	-161.0	0.0266	0.0171	0.0022	15.30	23.76	182.17	0.00	-0.25	-1.60	0.0
54759	328.5	186.7	-1155.7	-101.3	135.8	-161.5	0.0266	0.0171	0.0022	15.26	23.70	181.73	0.00	-0.27	-1.59	0.0
54760	300.7	188.7	-1151.5	-121.9	134.7	-161.3	0.0266	0.0171	0.0022	15.22	23.64	181.23	0.00	-0.29	-1.59	0.0
54761	270.0	188.7	-1147.9	-138.5	134.1	-161.4	0.0266	0.0171	0.0022	15.06	23.39	179.35	0.00	-0.31	-1.58	0.0
54762	237.6	186.6	-1145.1	-151.5	-135.7	-161.9	0.0266	0.0171	0.0022	13.75	21.35	163.69	0.00	-0.27	-1.55	0.0
54763	204.7	182.1	-1143.0	-160.9	-137.0	-162.9	0.0266	0.0171	0.0022	13.34	20.71	158.81	0.00	-0.29	-1.54	0.0
54764	172.0	175.5	-1141.5	-167.0	138.6	-164.8	0.0266	0.0171	0.0022	13.95	21.67	166.16	0.00	-0.36	-1.54	0.0
54765	140.4	167.4	-1140.8	-169.8	143.0	-167.7	0.0266	0.0171	0.0022	13.40	20.82	159.62	0.00	-0.37	-1.53	0.0
54766	110.7	160.2	-1140.6	-169.2	149.5	-171.8	0.0266	0.0171	0.0022	12.83	19.93	152.83	0.00	-0.38	-1.52	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
54767	84.2	158.2	-1140.8	193.5	158.9	-176.8	0.0266	0.0171	0.0022	12.00	18.63	142.85	0.00	-0.35	-1.51	0.0
54768	62.4	164.7	-1141.0	219.4	172.0	-182.3	0.0266	0.0171	0.0022	12.77	19.84	152.11	0.00	-0.40	-1.54	0.0
54769	45.2	177.1	-1141.0	249.5	188.9	-189.7	0.0266	0.0171	0.0022	13.91	21.61	165.69	0.00	-0.45	-1.58	0.0
54770	26.3	193.0	-1141.2	282.9	212.1	-204.1	0.0266	0.0171	0.0022	15.24	23.67	181.51	0.00	-0.51	-1.63	0.0
54771	-6.4	230.0	-1144.2	304.2	251.5	-231.9	0.0288	0.0171	0.0140	15.27	25.68	31.51	0.00	-0.54	-1.70	0.0
54772	-62.3	324.9	-1155.9	276.5	348.8	-269.0	0.0401	0.0171	0.0140	11.80	27.63	33.90	0.00	-0.51	-1.80	0.0
54773	353.5	103.0	-1175.0	51.0	138.5	-120.6	0.0266	0.0171	0.0022	13.99	21.72	166.57	0.00	-0.26	-1.57	0.0
54774	327.2	131.1	-1167.5	-69.9	136.5	-129.9	0.0266	0.0171	0.0022	13.86	21.52	165.00	0.00	-0.26	-1.56	0.0
54775	307.0	137.9	-1163.0	-95.4	138.1	-129.4	0.0266	0.0171	0.0022	13.94	21.66	166.06	0.00	-0.27	-1.56	0.0
54776	280.8	139.6	-1158.2	-115.4	138.4	-130.3	0.0266	0.0171	0.0022	13.83	21.48	164.69	0.00	-0.29	-1.55	0.0
54777	250.9	141.6	-1154.2	-131.6	139.0	-131.5	0.0266	0.0171	0.0022	13.62	21.15	162.14	0.00	-0.31	-1.54	0.0
54778	219.2	141.8	-1150.9	-144.0	140.4	-133.5	0.0266	0.0171	0.0022	13.32	20.69	158.62	0.00	-0.32	-1.53	0.0
54779	186.8	140.5	-1148.1	-152.9	142.7	-136.2	0.0266	0.0171	0.0022	12.94	20.10	154.14	0.00	-0.34	-1.52	0.0
54780	154.5	138.1	-1146.0	-158.4	146.1	-140.0	0.0266	0.0171	0.0022	12.50	19.41	148.86	0.00	-0.34	-1.51	0.0
54781	123.1	135.6	-1144.5	-160.4	150.9	-145.1	0.0266	0.0171	0.0022	12.02	18.67	143.12	0.00	-0.35	-1.49	0.0
54782	93.2	135.3	-1143.5	-159.2	157.4	-151.6	0.0266	0.0171	0.0022	11.56	17.96	137.67	0.00	-0.35	-1.48	0.0
54783	65.8	139.3	-1142.8	159.0	165.9	-159.6	0.0266	0.0171	0.0022	10.00	15.54	119.12	0.00	-0.28	-1.46	0.0
54784	41.7	147.5	-1142.2	177.1	176.7	-169.6	0.0266	0.0171	0.0022	10.53	16.35	125.39	0.00	-0.32	-1.48	0.0
54785	20.9	157.1	-1141.9	196.0	189.3	-183.9	0.0266	0.0171	0.0022	11.19	17.38	133.29	0.00	-0.35	-1.50	0.0
54786	-0.2	166.3	-1141.9	215.0	205.2	-207.4	0.0266	0.0171	0.0022	11.88	18.45	141.45	0.00	-0.39	-1.54	0.0
54787	-32.9	181.7	-1147.2	222.0	232.8	-245.7	0.0401	0.0171	0.0140	8.14	19.07	23.40	0.00	-0.40	-1.58	0.0
54788	-37.5	254.5	-1162.7	183.3	298.5	-289.7	0.0401	0.0171	0.0140	8.91	20.86	25.58	0.00	-0.35	-1.66	0.0
54789	297.7	44.0	-1195.9	36.1	142.0	69.0	0.0266	0.0171	0.0022	11.94	18.55	142.20	0.00	-0.28	-1.53	0.0
54790	302.4	87.1	-1224.1	-71.6	159.8	-68.6	0.0266	0.0171	0.0022	12.90	20.03	153.60	0.00	-0.28	-1.59	0.0
54791	284.9	85.0	-1215.0	-93.3	161.7	-73.0	0.0266	0.0171	0.0022	12.85	19.96	153.02	0.00	-0.29	-1.58	0.0
54792	259.5	90.2	-1209.3	-110.4	162.3	-77.8	0.0266	0.0171	0.0022	12.59	19.56	149.96	0.00	-0.30	-1.57	0.0
54793	231.0	95.0	-1203.2	-124.1	162.9	-84.6	0.0266	0.0171	0.0022	12.27	19.06	146.14	0.00	-0.30	-1.55	0.0
54794	200.8	99.9	-1197.4	-134.1	163.7	-92.7	0.0266	0.0171	0.0022	11.91	18.49	141.79	0.00	-0.31	-1.54	0.0
54795	170.0	104.8	-1191.8	-140.4	165.0	-102.3	0.0266	0.0171	0.0022	11.52	17.89	137.13	0.00	-0.31	-1.52	0.0
54796	139.4	110.1	-1186.5	-143.2	166.9	-113.5	0.0266	0.0171	0.0022	11.12	17.27	132.39	0.00	-0.31	-1.51	0.0
54797	109.9	116.3	-1181.3	-142.8	169.4	-126.4	0.0266	0.0171	0.0022	10.74	16.68	127.89	0.00	-0.31	-1.50	0.0
54798	82.0	123.7	-1176.1	-139.3	172.7	-141.4	0.0266	0.0171	0.0022	10.41	16.18	124.02	0.00	-0.31	-1.49	0.0
54799	56.7	131.9	-1171.0	-133.6	176.9	-158.9	0.0266	0.0171	0.0022	10.19	15.83	121.35	0.00	-0.31	-1.48	0.0
54800	34.8	140.3	-1166.1	-127.4	182.0	-179.9	0.0266	0.0171	0.0022	10.13	15.73	120.63	0.00	-0.32	-1.48	0.0
54801	16.8	148.5	-1161.1	-123.0	186.4	-205.9	0.0266	0.0171	0.0022	10.31	16.01	122.72	0.00	-0.33	-1.49	0.0
54802	1.7	158.7	-1156.4	-121.6	189.1	-238.9	0.0379	0.0171	0.0022	7.59	16.79	128.77	0.00	-0.35	-1.51	0.0
54803	-2.1	176.0	-1156.0	-119.6	180.6	-276.3	0.0401	0.0171	0.0140	7.72	18.08	22.18	0.00	-0.37	-1.54	0.0
54804	61.7	213.3	-1157.4	-103.5	189.4	-323.1	0.0401	0.0171	0.0140	8.93	20.90	25.64	0.00	-0.35	-1.61	0.0
54813	325.8	276.9	-1117.1	-139.8	258.7	294.9	0.0161	0.0130	0.0127	27.56	34.06	34.88	0.00	-0.17	-1.67	0.0
54882	308.4	272.0	-1101.8	-139.3	271.7	296.1	0.0156	0.0132	0.0127	27.54	32.54	33.89	0.00	-0.16	-1.65	0.0
54891	313.9	260.5	-1092.7	-141.7	257.5	299.9	0.0143	0.0128	0.0127	30.12	33.72	33.95	0.00	-0.17	-1.64	0.0
54900	431.2	319.5	-1095.6	-144.1	270.1	280.4	0.0161	0.0130	0.0127	33.17	40.99	41.98	0.00	-0.21	-1.74	0.0
54969	415.2	314.0	-1092.7	-151.6	278.2	279.1	0.0156	0.0132	0.0127	33.75	39.88	41.53	0.00	-0.22	-1.73	0.0
54978	415.4	306.1	-1083.9	-149.0	264.2	281.9	0.0143	0.0128	0.0127	36.45	40.81	41.09	0.00	-0.22	-1.71	0.0
54979	759.5	453.2	-1126.7	-110.1	250.7	229.0	0.0288	0.0171	0.0022	29.25	36.70	0.00	0.00	-0.14	-1.24	12.2
54980	717.9	469.5	-1124.3	-129.1	275.6	252.2	0.0288	0.0171	0.0022	28.71	37.08	0.00	0.00	-0.14	-1.26	15.0
54981	648.3	475.6	-1125.6	-136.1	290.7	266.0	0.0288	0.0171	0.0022	26.50	38.07	0.00	0.00	-0.14	-1.28	10.2
54982	749.1	431.1	-1104.5	-131.4	250.2	234.9	0.0288	0.0171	0.0022	29.53	36.08	0.00	0.00	-0.16	-1.23	15.0
54983	705.1	445.3	-1105.8	-148.4	279.6	262.6	0.0288	0.0171	0.0022	28.23	40.16	0.00	0.00	-0.19	-1.26	9.0
54984	631.1	454.7	-1109.3	-149.7	295.7	281.1	0.0288	0.0171	0.0022	26.15	38.26	0.00	0.00	-0.15	-1.28	9.4
54985	719.6	390.6	-1085.5	-153.5	256.6	240.6	0.0288	0.0171	0.0022	29.11	35.15	34.12	0.00	-0.20	-1.29	15.0
54986	681.1	394.3	-1090.8	-161.2	289.9	268.9	0.0288	0.0171	0.0022	28.32	35.05	0.00	0.00	-0.17	-1.26	15.0
54987	625.2	410.9	-1095.2	-166.1	313.8	293.6	0.0288	0.0171	0.0022	26.50	36.75	0.00	0.00	-0.16	-1.29	10.7
54988	794.1	472.0	-994.2	-43.5	128.6	181.2	0.0288	0.0171	0.0045	27.99	47.07	180.44	0.00	-0.31	-1.83	0.0
54989	794.4	454.0	-1008.9	-97.0	146.7	182.6	0.0288	0.0171	0.0045	28.66	48.19	184.73	0.00	-0.37	-1.87	0.0
54990	738.3	404.5	-1024.8	-159.8	202.5	189.8	0.0288	0.0171	0.0045	28.14	47.32	181.40	0.00	-0.43	-1.89	0.0
54991	443.2	204.6	-1686.2	-241.4	650.9	438.8	0.0288	0.0171	0.0045	22.98	38.64	148.13	0.00	-0.38	-2.64	0.0
54992	-117.0	-190.0	-3490.6	-292.5	875.9	238.9	0.0288	0.0171	0.0057	7.91	13.30	40.27	0.00	-0.52	-3.96	0.0
54993	-280.5	-272.0	-3970.3	-256.2	-538.2	-805.8	0.0288	0.0171	0.0057				0.00	-0.30	-4.22	
54994	185.1	106.5	-2286.9	-159.2	-863.3	-703.0	0.0288	0.0171	0.0057	16.47	27.70	83.84	0.00	-0.20	-3.21	0.0
54995	597.3	381.1	-1225.2	-88.1	-277.9	-218.9	0.0288	0.0171	0.0022	23.38	31.10	0.00	0.00	-0.12	-1.33	7.0
54996	726.9	437.4	-1158.8	82.2	170.7	176.7	0.0288	0.0171	0.0022	27.72	40.65	40.65	0.00	-0.28	-1.30	8.3
54997	765.6	447.4	-1133.7	-87.9	217.4	204.3	0.0288	0.0171	0.0022	28.83	34.24	0.00	0.00	-0.12	-1.22	15.0
54998	413.4	-72.3	-2251.6	-75.4	107.8	807.1	0.0266	0.0171	0.0057	15.97	24.81	75.10	0.00	-0.24	-2.95	0.0
54999	406.1	-73.2	-2276.4	-131.1	149.3	809.8	0.0266	0.0171	0.0057	16.60	25.79	78.05	0.00	-0.27	-2.99	0.0
55000	328.0	-77.1	-2304.4	-198.1	214.5	801.8	0.0266	0.0171	0.0057	15.63	24.28	73.48	0.00	-0.30	-3.00	0.0
55001	50.5	-196.2	-3102.0	-245.6	583.2	371.3	0.0266	0.0171	0.0057	8.87	13.78	41.70	0.00	-0.46	-3.50	0.0
55002	-16.8	-125.1	-3108.5	-224.5	-529.3	-452.0	0.0288	0.0171	0.0057	5.84	9.81	29.70	0.00	-0.32	-3.44	0.0
55003	342.4	242.7	-1593.0	-142.8	-598.2	-374.2	0.0288	0.0171	0.0057	17.99	30.26	91.60	0.00	-0.21	-2.36	0.0
55004	598.3	414.7	-1025.4	-68.3	123.2	149.5	0.0288	0.0171	0.0022	21.67	36.44	279.40	0.00	-0.21	-1.68	0.0
55005	682.9	418.7	-1144.5	88.4	-154.7	-147.3	0.0288	0.0171	0.0022	26.17	38.47	38.47	0.00	-0.27	-1.27	7.8
55006	739.5	428.0	-1106.3	90.4	169.0	180.7	0.0288	0.0171	0.0022	28.71	38.96	38.95	0.00	-0.27	-1.25	12.2
55007	760.3	426.3	-1104.4	-102.4	213.1	207.6	0.0288	0.0171	0.0022	28.74	35.78	0.00	0.00	-0.16	-1.20	11.4
55008	304.5	-74.2	-2218.3	-86.0	-111.5	-728.0	0.0266	0.0171	0.0057	12.21	18.96	57.39	0.00	-0.19	-2.77	0.0
55009	298.6	-61.0	-2236.5	-120.8	-107.5	-736.4	0.0266	0.0171	0.0057	12.95	20.12	60.90	0.00	-0.22	-2.81	0.0
55010	246.7	-34.1	-2299.3	-144.9	-102.1	-783.7	0.0266	0.0171	0.0057	12.86	19.97	60.45	0.00	-0.22	-2.89	0.0
55011	216.0	37.2	-2279.2	-133.1	-201.8	-762.7	0.0266	0.0171	0.0057	12.09	18.77	56.83	0.00	-0.14	-2.85	0.0
55012	387.1	250.6	-1551.1	-90.9	-514.0	-343.3	0.0266	0.0171	0.0057	19.36	30.07	91.02	0.00	-0.20	-2.26	0.0
55013	578.4	410.0	-1025.3	-54.8	117.0	146.2	0.0266	0.0171	0.0022	22.48	34.91	267.69	0.00	-0.18	-1.65	0.0
55014	636.0	418.6	-1107.5	76.3	-127.7	143.8	0.0266	0.0171	0.0022	25.45	33.41	0.00	0.00	-0.16	-1.15	8.9
55015	682.7	420.9	-1061.7	82.5	156.9	174.3	0.0266	0.0171	0.0022	28.02	41.97	41.97	0.00	-0.31	-1.21	4.7
55016	707.5	406.8	-1074.2	-87.9	179.9	185.9	0.0266	0.0171	0.0022	28.80	32.22	0.00	0.00	-0.13	-1.14	14.9
55017	723.7	394.1	-1080.0	-125.1	217.0	210.0	0.0266	0.0171	0.0022	30.60	33.95	5.84	0.00	-0.18	-1.19	15.0
55018	499.1	394.7	-876.0	-85.0	88.0	141.1	0.0266	0.0171	0.0022	20.55	31.91	244.70	0.00	-0.18	-1.44	0.0
55019	509.2	405.0	-885.7	-90.6	93.9	139.2	0.0266	0.0171	0.0022	21.11	32.79	251.41	0.00	-0.19	-1.47	0.0
55020	510.4	425.5	-887.6	-85.3	92.6	148.3	0.0266	0.0171	0.0022	21.17	32.88	252.14	0.00	-0.17	-1.47	0.0
55021	524.4	445.3	-881.5	-65.7	-98.6	173.0	0.0266	0.0171	0.0022	21.89	34.00	260.66	0.00	-0.17	-1.49	0.0
55022	543.8	433.3	-983.4	57.1	130.4	145.5	0.0266	0.0171	0.0022	22.12	34.35	263.37	0.00	-0.18	-1.60	0.0
55023	577.4	415.1	-1046.1	67.2	-113.9	141.9	0.0266	0.0171	0.0022	22.70	35.25	270.30	0.00	-0.19	-1.67	0.0
55024	617.0	408.5	-1018.0	65.5	139.3	171.3	0.0266	0.0171	0.0022	26.04	33.10	33.10	0.00	-0.19	-1.14	15.0
55025	637.8	391.9	-1035.3	-87.1	155.7	179.4	0.0266	0.0171	0.0022	25.90	32.24	0.00	0.00	-0.15	-1.10	10.9
55026	650.1	373.1	-1044.3	-114.0	180.1	191.6	0.0266	0.0171	0.0022	27.15	33.13	0.00	0.00	-0.19	-1.12	11.3
55027	657.3	351.0	-1057.8	-148.1	210.0	212.3	0.0266	0.0171	0.0022	28.86	32.46	31.32	0.00	-0.22	-1.23	15.0
55028	446.8	413.2	-942.6	-92.9	86.1	157.2	0.0266	0.0171	0.0022	19.75	30.67	235.15	0.00	-0.17	-1.49	0.0
55029	467.0	418.0	-949.0	-88.6	91.7	159.6	0.0266	0.0171	0.0022	20.11	31.23	239.44	0.00	-0.16	-1.51	0.0
55030	483.3	421.9	-957.1	-83.4	99.1	163.3	0.0266	0.0171	0.0022	20.36	31.62	242.44	0.00	-0.15	-1.53	0.0
55031	499.9	418.9	-969.0	-78.4	111.2	163.4	0.0266	0.0171	0.0022	20.59	31.98	245.19	0.00	-0.15	-1.55	0.0
55032	521.4	409.2	-964.9	-77.1	116.8	169.1	0.0266	0.0171	0.0022	21.10	32.77	251.22	0.00	-0.16	-1.56	0.0
55033	544.1	392.4	-969.8	-83.1	131.7	172.5	0.0266	0.0171	0.0022	21.90	34.02	260.82	0.00	-0.19	-1.59	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
55034	563.2	372.4	-989.2	-97.0	138.1	175.6	0.0266	0.0171	0.0022	22.79	35.40	271.39	0.00	-0.24	-1.63	0.0
55035	577.0	354.1	-1000.2	-116.7	156.0	184.5	0.0266	0.0171	0.0022	24.36	32.33	0.00	0.00	-0.20	-1.07	9.2
55036	583.0	334.4	-1016.0	-139.3	173.6	193.6	0.0266	0.0171	0.0022	25.49	31.71	0.00	0.00	-0.22	-1.10	11.7
55037	582.2	310.3	-1033.3	-164.2	196.0	210.3	0.0266	0.0171	0.0022	26.21	32.21	0.00	0.00	-0.25	-1.14	11.7
55038	411.3	348.6	-875.4	-114.7	102.8	172.9	0.0266	0.0171	0.0022	18.77	29.15	223.53	0.00	-0.20	-1.41	0.0
55039	432.2	353.3	-882.6	-112.0	108.4	173.8	0.0266	0.0171	0.0022	19.23	29.87	228.99	0.00	-0.20	-1.43	0.0
55040	449.7	357.3	-891.7	-112.1	115.3	174.9	0.0266	0.0171	0.0022	19.72	30.64	234.89	0.00	-0.21	-1.45	0.0
55041	465.6	357.7	-902.3	-114.2	122.5	176.7	0.0266	0.0171	0.0022	20.23	31.41	240.86	0.00	-0.22	-1.48	0.0
55042	480.6	353.2	-917.6	-118.0	131.3	178.2	0.0266	0.0171	0.0022	20.72	32.19	246.79	0.00	-0.23	-1.51	0.0
55043	494.8	344.0	-933.2	-124.0	140.0	180.4	0.0266	0.0171	0.0022	21.25	33.01	253.08	0.00	-0.25	-1.54	0.0
55044	507.3	331.4	-948.2	-133.6	150.1	183.4	0.0266	0.0171	0.0022	21.83	33.90	259.96	0.00	-0.28	-1.57	0.0
55045	515.9	316.6	-966.2	-146.4	160.0	187.7	0.0266	0.0171	0.0022	22.38	34.76	266.52	0.00	-0.31	-1.61	0.0
55046	518.7	300.1	-985.1	-161.3	172.5	194.4	0.0266	0.0171	0.0022	22.81	35.43	271.68	0.00	-0.34	-1.65	0.0
55047	514.7	279.6	-1006.2	-176.0	186.8	205.2	0.0266	0.0171	0.0022	23.00	35.73	273.95	0.00	-0.37	-1.68	0.0
55048	417.1	365.4	-1135.8	-183.0	274.9	223.5	0.0288	0.0171	0.0022	20.09	33.79	259.05	0.00	-0.29	-1.80	0.0
55049	386.4	346.7	-1112.9	-170.7	261.4	223.3	0.0288	0.0171	0.0022	18.75	31.53	241.75	0.00	-0.26	-1.74	0.0
55050	380.3	316.1	-1092.8	-168.0	264.7	234.5	0.0266	0.0171	0.0022	19.61	30.45	233.48	0.00	-0.26	-1.71	0.0
55051	476.7	391.9	-1133.6	-152.1	288.2	239.4	0.0288	0.0171	0.0022	20.75	34.89	267.53	0.00	-0.23	-1.82	0.0
55052	443.2	375.0	-1114.4	-145.1	285.4	247.8	0.0288	0.0171	0.0022	19.52	32.82	251.62	0.00	-0.21	-1.77	0.0
55053	429.7	340.8	-1098.3	-148.5	293.2	261.3	0.0288	0.0171	0.0022	18.94	31.85	244.22	0.00	-0.21	-1.75	0.0
55054	553.7	440.4	-1130.0	-133.0	296.1	259.7	0.0288	0.0171	0.0022	23.87	33.57	2.26	0.00	-0.12	-1.29	15.0
55055	524.8	420.8	-1113.8	-131.9	298.9	274.0	0.0288	0.0171	0.0022	21.59	36.30	278.33	0.00	-0.19	-1.84	0.0
55056	494.4	378.8	-1100.3	-131.1	314.5	290.0	0.0288	0.0171	0.0022	20.48	34.44	264.03	0.00	-0.19	-1.81	0.0
55057	499.2	261.7	-1029.1	-183.0	203.6	221.0	0.0266	0.0171	0.0022	22.64	35.17	269.64	0.00	-0.37	-1.70	0.0
55058	567.1	299.7	-1051.7	-178.5	222.2	235.0	0.0266	0.0171	0.0022	25.77	34.08	0.00	0.00	-0.27	-1.18	9.7
55059	646.9	343.0	-1070.6	-171.3	245.2	243.2	0.0266	0.0171	0.0022	29.16	34.00	0.00	0.00	-0.23	-1.21	13.4
55060	468.8	270.2	-1052.5	-180.7	224.0	236.4	0.0266	0.0171	0.0022	21.78	33.83	259.37	0.00	-0.34	-1.71	0.0
55061	531.1	316.6	-1069.8	-177.8	250.1	258.2	0.0266	0.0171	0.0022	25.82	30.39	30.39	0.00	-0.22	-1.28	15.0
55062	608.2	346.2	-1082.1	-174.2	277.7	270.3	0.0266	0.0171	0.0022	28.25	33.06	0.00	0.00	-0.20	-1.25	14.3
55063	423.6	291.5	-1074.6	-175.7	248.3	243.6	0.0266	0.0171	0.0022	20.62	32.02	245.52	0.00	-0.29	-1.71	0.0
55064	479.3	325.4	-1085.9	-167.5	277.3	270.1	0.0266	0.0171	0.0022	22.27	34.59	265.24	0.00	-0.28	-1.78	0.0
55065	552.3	356.3	-1094.4	-166.8	306.8	290.7	0.0266	0.0171	0.0022	26.23	32.46	0.00	0.00	-0.16	-1.28	12.7
55074	209.9	244.4	-967.7	157.6	-210.7	243.7	0.0161	0.0130	0.0244	24.00	29.84	15.85	0.00	-0.23	-1.45	0.0
55143	214.3	237.7	-943.8	-164.7	-224.4	258.8	0.0157	0.0132	0.0244	30.21	35.86	19.39	0.00	-0.41	-1.50	0.0
55152	201.4	221.1	-944.0	154.6	-214.5	256.2	0.0144	0.0128	0.0127	25.57	28.82	28.94	0.00	-0.21	-1.41	0.0
55161	222.5	297.8	-972.1	-232.2	-223.6	245.1	0.0161	0.0130	0.0244	35.11	43.66	23.19	0.00	-0.54	-1.61	0.0
55230	206.6	290.6	-961.6	-247.3	-233.1	253.2	0.0157	0.0132	0.0244	36.75	43.62	23.59	0.00	-0.58	-1.62	0.0
55239	201.9	273.3	-959.3	-238.3	-221.1	251.7	0.0144	0.0128	0.0127	38.43	43.30	43.49	0.00	-0.56	-1.59	0.0
55240	351.0	458.1	-1039.4	-339.4	200.6	205.7	0.0288	0.0171	0.0140	25.99	43.70	53.61	0.00	-0.62	-1.86	0.0
55241	339.3	467.8	-1024.2	-360.6	-216.6	231.5	0.0288	0.0171	0.0140	28.61	48.11	59.02	0.00	-0.79	-1.90	0.0
55242	321.5	470.5	-1015.3	-371.6	-231.4	250.1	0.0288	0.0171	0.0140	29.07	48.89	59.98	0.00	-0.82	-1.92	0.0
55243	280.7	433.4	-1011.7	-364.7	-195.0	213.5	0.0288	0.0171	0.0140	26.95	45.32	55.60	0.00	-0.79	-1.83	0.0
55244	273.5	437.4	-1004.3	-382.4	-219.9	242.6	0.0288	0.0171	0.0140	27.97	47.03	57.70	0.00	-0.84	-1.87	0.0
55245	278.2	440.2	-999.0	-390.5	-234.1	264.7	0.0288	0.0171	0.0140	28.69	48.24	59.18	0.00	-0.87	-1.89	0.0
55246	218.6	392.3	-990.5	-353.9	-202.0	221.4	0.0266	0.0171	0.0022	36.10	38.53	38.53	0.00	-0.91	-1.18	15.0
55247	217.3	387.5	-988.4	-366.4	-228.5	251.2	0.0288	0.0171	0.0140	25.86	43.48	53.34	0.00	-0.82	-1.80	0.0
55248	223.1	394.1	-985.9	-384.4	251.4	277.9	0.0288	0.0171	0.0140	24.47	41.15	50.48	0.00	-0.66	-1.82	0.0
55249	773.5	470.3	-987.5	15.5	-128.3	179.0	0.0288	0.0171	0.0045	27.18	45.70	175.20	0.00	-0.29	-1.80	0.0
55250	733.5	448.4	-990.4	67.4	-142.9	178.9	0.0288	0.0171	0.0045	26.21	44.07	168.94	0.00	-0.29	-1.78	0.0
55251	643.3	395.9	-1001.4	130.4	-193.4	184.9	0.0288	0.0171	0.0045	24.53	41.24	158.11	0.00	-0.32	-1.76	0.0
55252	344.4	202.9	-1603.9	217.2	-587.9	475.3	0.0288	0.0171	0.0057	18.69	31.44	95.16	0.00	-0.24	-2.43	0.0
55253	-199.2	-161.5	-3266.9	300.1	-775.4	369.8	0.0288	0.0171	0.0057	5.19	8.72	26.40	0.00	-0.42	-3.66	0.0
55254	-456.0	-250.1	-3756.9	300.9	385.8	-746.9	0.0288	0.0171	0.0057	0.51	0.86	2.60	0.00	-0.53	-3.98	0.0
55255	-209.4	55.7	-2331.9	196.6	665.9	-861.9	0.0288	0.0171	0.0057	11.63	19.56	59.22	0.00	-0.36	-3.13	0.0
55256	85.7	295.7	-1401.9	-160.3	367.0	-431.7	0.0288	0.0171	0.0022	18.83	31.67	242.79	0.00	-0.54	-2.11	0.0
55257	258.0	390.0	-1194.1	-262.9	302.2	-258.8	0.0288	0.0171	0.0022	34.15	35.23	35.22	0.00	-0.79	-1.42	15.0
55258	342.0	441.9	-1058.0	-309.1	200.5	-180.3	0.0288	0.0171	0.0140	25.85	43.48	53.33	0.00	-0.66	-1.84	0.0
55259	384.1	-78.9	-2266.6	49.6	-115.0	816.3	0.0266	0.0171	0.0057	14.66	22.77	68.93	0.00	-0.20	-2.93	0.0
55260	327.0	-87.9	-2293.7	120.5	-140.6	824.9	0.0266	0.0171	0.0057	13.70	21.28	64.42	0.00	-0.21	-2.94	0.0
55261	213.8	-93.7	-2296.2	198.5	-199.8	810.9	0.0266	0.0171	0.0057	12.56	19.51	59.07	0.00	-0.26	-2.92	0.0
55262	-90.8	-211.8	-3056.6	259.3	-565.2	391.0	0.0266	0.0171	0.0057	4.95	7.68	23.26	0.00	-0.40	-3.35	0.0
55263	-204.5	-139.6	-3042.7	258.4	506.6	-459.6	0.0288	0.0171	0.0057	3.07	5.16	15.62	0.00	-0.35	-3.30	0.0
55264	71.6	240.0	-1541.2	192.9	578.4	-399.1	0.0288	0.0171	0.0057	12.73	21.41	64.80	0.00	-0.14	-2.19	0.0
55265	239.3	439.1	-966.5	-150.0	120.7	136.5	0.0288	0.0171	0.0022	18.13	30.49	233.78	0.00	-0.34	-1.52	0.0
55266	261.8	451.5	-1069.0	-248.0	152.5	-161.9	0.0288	0.0171	0.0022	27.44	36.03	36.03	0.00	-0.65	-1.20	7.7
55267	287.0	446.2	-1034.5	-305.2	152.5	-154.3	0.0288	0.0171	0.0022	32.88	37.02	37.02	0.00	-0.80	-1.17	12.8
55268	289.6	435.5	-1025.7	-340.3	170.8	178.6	0.0288	0.0171	0.0140	24.69	41.52	50.94	0.00	-0.64	-1.79	0.0
55269	273.1	-80.8	-2232.2	62.1	-94.2	-741.2	0.0266	0.0171	0.0057	12.02	18.67	56.51	0.00	-0.21	-2.78	0.0
55270	212.9	-75.5	-2252.2	111.5	96.4	-760.0	0.0266	0.0171	0.0057	10.27	15.95	48.29	0.00	-0.16	-2.77	0.0
55271	118.4	-50.5	-2291.3	148.3	95.1	-800.8	0.0266	0.0171	0.0057	10.71	16.64	50.36	0.00	-0.24	-2.84	0.0
55272	44.7	21.7	-2248.3	149.3	196.6	-773.9	0.0266	0.0171	0.0057	10.97	17.04	51.58	0.00	-0.26	-2.80	0.0
55273	163.2	240.6	-1506.9	117.5	509.5	-356.9	0.0266	0.0171	0.0057	12.25	19.03	57.61	0.00	-0.03	-2.05	0.0
55274	293.7	411.0	-972.2	-169.7	-104.8	133.0	0.0266	0.0171	0.0022	20.70	32.15	246.49	0.00	-0.38	-1.54	0.0
55275	291.1	432.3	-1043.5	-221.4	132.6	128.5	0.0266	0.0171	0.0022	22.34	34.70	266.09	0.00	-0.44	-1.67	0.0
55276	285.4	441.6	-989.4	-264.7	-133.3	157.9	0.0266	0.0171	0.0022	34.36	34.87	34.87	0.00	-0.74	-1.11	13.1
55277	267.4	424.9	-993.2	-301.9	-148.7	167.0	0.0266	0.0171	0.0022	34.89	35.96	35.96	0.00	-0.80	-1.13	12.9
55278	239.5	404.9	-991.3	-331.9	-173.2	189.1	0.0266	0.0171	0.0022	35.15	37.06	37.06	0.00	-0.85	-1.15	13.4
55279	472.3	394.1	-867.4	-79.4	-90.1	142.3	0.0266	0.0171	0.0022	20.24	31.43	240.99	0.00	-0.19	-1.43	0.0
55280	430.0	401.6	-864.9	82.0	-95.7	139.2	0.0266	0.0171	0.0022	18.76	29.14	223.45	0.00	-0.14	-1.39	0.0
55281	381.1	418.2	-858.1	-99.5	-90.5	144.4	0.0266	0.0171	0.0022	19.60	30.45	233.45	0.00	-0.22	-1.40	0.0
55282	345.5	435.3	-843.4	-136.9	98.2	165.7	0.0266	0.0171	0.0022	20.26	31.47	241.30	0.00	-0.27	-1.41	0.0
55283	314.2	423.7	-936.5	-178.9	-121.5	134.6	0.0266	0.0171	0.0022	21.71	33.72	258.51	0.00	-0.40	-1.54	0.0
55284	297.1	408.9	-989.4	-210.3	119.1	129.7	0.0266	0.0171	0.0022	21.47	33.35	255.70	0.00	-0.41	-1.59	0.0
55285	288.0	406.9	-951.6	-234.4	-121.2	157.4	0.0266	0.0171	0.0022	23.09	35.87	275.03	0.00	-0.51	-1.59	0.0
55286	263.9	393.4	-959.7	-260.1	-131.9	164.1	0.0266	0.0171	0.0022	32.50	32.50	15.34	0.00	-0.71	-1.04	13.3
55287	236.6	375.5	-960.1	-285.1	-149.7	175.6	0.0266	0.0171	0.0022	32.97	32.97	7.60	0.00	-0.77	-1.04	14.2
55288	204.8	354.1	-965.9	-307.9	-170.7	196.2	0.0266	0.0171	0.0022	33.34	33.34	15.04	0.00	-0.82	-1.08	15.0
55289	420.7	411.9	-937.6	-98.6	-85.5	156.7	0.0266	0.0171	0.0022	20.10	31.23	239.42	0.00	-0.22	-1.49	0.0
55290	389.6	414.2	-933.2	-109.1	-90.0	157.4	0.0266	0.0171	0.0022	20.04	31.13	238.69	0.00	-0.24	-1.49	0.0
55291	356.0	415.9	-930.3	-126.6	-95.5	158.5	0.0266	0.0171	0.0022	20.26	31.47	241.29	0.00	-0.28	-1.49	0.0
55292	324.1	410.9	-931.6	-149.7	-104.6	155.8	0.0266	0.0171	0.0022	20.57	31.94	244.92	0.00	-0.34	-1.50	0.0
55293	298.4	399.8	-917.2	-175.1	-106.6	159.2	0.0266	0.0171	0.0022	20.91	32.47	248.98	0.00	-0.39	-1.50	0.0
55294	275.7	382.2	-912.0	-199.2	-117.6	160.6	0.0266	0.0171	0.0022	21.12	32.81	251.56	0.00	-0.44	-1.50	0.0
55295	252.3	361.4	-921.7	-221.3	-119.7	162.3	0.0266	0.0171	0.0022	21.13	32.82	251.63	0.00	-0.48	-1.51	0.0
55296	228.0	342.0	-923.4	-242.4	-132.8	170.2	0.0266	0.0171	0.0022	21.25	33.01	253.07	0.00	-0.53	-1.52	0.0
55297	202.2	320.5	-930.3	-264.1	-145.0	179.1	0.0266	0.0171	0.0022	21.33	33.13	253.99	0.00	-0.58	-1.53	0.0
55298	177.2	295.5	-939.3	-284.5	-160.9	196.5	0.0266	0.0171	0.0022	21.42	33.26	255.02	0.00	-0.62	-1.55	0.0
55299	386.2	347.5	-870.0	-120.4	98.7	172.2	0.0266	0.0171	0.0022	18.41	28.60	219.28	0.00	-0.21	-1.39	0.0
55300	357.1	350.2	-866.4	-128.0	-100.2	171.2	0.0266	0.0171	0.0022	19.11	29.69	227.63	0.00	-0.28	-1.40	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
55301	325.8	352.8	-864.8	-137.6	-105.6	170.0	0.0266	0.0171	0.0022	19.02	29.54	226.45	0.00	-0.30	-1.40	0.0
55302	294.7	351.4	-864.8	-150.0	-110.7	169.7	0.0266	0.0171	0.0022	18.99	29.50	226.18	0.00	-0.33	-1.40	0.0
55303	265.0	344.4	-869.7	-165.4	-116.9	169.3	0.0266	0.0171	0.0022	19.00	29.51	226.27	0.00	-0.37	-1.41	0.0
55304	237.6	332.2	-875.1	-183.2	-122.6	169.8	0.0266	0.0171	0.0022	19.01	29.53	226.43	0.00	-0.41	-1.41	0.0
55305	212.1	315.9	-880.3	-201.9	-129.4	171.7	0.0266	0.0171	0.0022	19.01	29.53	226.44	0.00	-0.45	-1.42	0.0
55306	188.0	296.5	-888.8	-221.4	-135.8	175.4	0.0266	0.0171	0.0022	19.00	29.51	226.26	0.00	-0.49	-1.43	0.0
55307	165.9	274.4	-898.6	-241.6	-144.3	182.1	0.0266	0.0171	0.0022	19.03	29.55	226.57	0.00	-0.53	-1.44	0.0
55308	147.8	247.2	-911.1	-261.6	-154.1	193.9	0.0266	0.0171	0.0022	19.06	29.60	226.93	0.00	-0.58	-1.46	0.0
55309	160.8	407.7	-999.3	-367.3	287.6	231.5	0.0288	0.0171	0.0140	23.33	39.23	48.13	0.00	-0.64	-1.80	0.0
55310	193.5	340.2	-981.5	-379.6	247.6	226.4	0.0288	0.0171	0.0140	22.69	38.16	46.81	0.00	-0.66	-1.75	0.0
55311	201.9	278.3	-967.0	-345.9	233.7	230.0	0.0266	0.0171	0.0022	22.11	34.34	263.32	0.00	-0.59	-1.67	0.0
55312	242.4	425.6	-1004.6	-372.9	265.1	237.5	0.0288	0.0171	0.0140	24.94	41.94	51.45	0.00	-0.65	-1.84	0.0
55313	255.1	375.3	-988.6	-385.8	249.7	243.6	0.0288	0.0171	0.0140	24.51	41.22	50.56	0.00	-0.66	-1.81	0.0
55314	248.4	322.0	-976.5	-356.2	248.7	253.1	0.0288	0.0171	0.0140	22.35	37.58	46.10	0.00	-0.59	-1.74	0.0
55315	297.6	448.7	-1009.6	-373.2	248.9	251.2	0.0288	0.0171	0.0140	26.20	44.06	54.06	0.00	-0.65	-1.88	0.0
55316	286.4	411.1	-995.1	-387.8	247.6	263.8	0.0288	0.0171	0.0140	25.78	43.35	53.18	0.00	-0.67	-1.86	0.0
55317	280.2	362.5	-983.4	-374.1	259.4	277.8	0.0288	0.0171	0.0140	24.25	40.78	50.03	0.00	-0.62	-1.82	0.0
55318	141.1	221.3	-926.0	-277.3	-165.9	209.4	0.0266	0.0171	0.0022	19.21	29.83	228.73	0.00	-0.61	-1.49	0.0
55319	167.8	280.3	-950.6	-297.4	-179.7	220.9	0.0266	0.0171	0.0022	21.79	33.84	259.49	0.00	-0.66	-1.58	0.0
55320	188.3	340.1	-972.3	-320.1	-196.3	226.8	0.0266	0.0171	0.0022	34.05	34.05	29.25	0.00	-0.86	-1.14	15.0
55321	149.8	220.3	-941.7	-290.4	-180.8	225.7	0.0266	0.0171	0.0022	20.07	31.18	239.06	0.00	-0.64	-1.53	0.0
55322	179.4	286.0	-961.6	-304.3	-200.3	244.9	0.0266	0.0171	0.0022	22.76	35.35	271.03	0.00	-0.68	-1.63	0.0
55323	197.9	336.2	-977.5	-323.5	-220.5	254.9	0.0266	0.0171	0.0022	34.71	35.42	35.42	0.00	-0.87	-1.18	14.3
55324	173.0	237.6	-956.0	-306.5	203.6	234.0	0.0266	0.0171	0.0022	19.34	30.04	230.35	0.00	-0.52	-1.57	0.0
55325	205.0	290.7	-970.3	-316.2	223.7	257.7	0.0266	0.0171	0.0022	21.37	33.19	254.48	0.00	-0.53	-1.65	0.0
55326	220.7	343.1	-983.0	-328.6	247.2	277.2	0.0266	0.0171	0.0022	23.24	36.10	276.79	0.00	-0.54	-1.73	0.0
55335	350.9	331.5	-1308.9	137.3	295.5	-305.6	0.0161	0.0130	0.0127	29.66	36.88	37.68	0.00	-0.16	-1.90	0.0
55404	330.7	323.6	-1290.9	137.8	308.0	-308.1	0.0157	0.0132	0.0127	29.65	35.20	36.59	0.00	-0.16	-1.87	0.0
55413	338.8	313.8	-1292.4	141.9	294.7	-314.8	0.0144	0.0128	0.0127	32.59	36.73	36.89	0.00	-0.17	-1.88	0.0
55422	457.3	383.6	-1280.4	142.1	294.6	-287.6	0.0161	0.0130	0.0127	35.30	43.89	44.84	0.00	-0.20	-1.95	0.0
55491	437.5	374.0	-1276.7	150.6	302.3	-287.1	0.0157	0.0132	0.0127	35.83	42.53	44.22	0.00	-0.21	-1.94	0.0
55500	441.0	368.1	-1278.0	150.3	288.9	-291.7	0.0144	0.0128	0.0127	38.99	43.94	44.13	0.00	-0.21	-1.94	0.0
55501	797.9	549.4	-1284.6	95.3	256.0	-225.2	0.0288	0.0171	0.0022	30.41	39.90	0.00	0.00	-0.11	-1.38	14.6
55502	749.2	556.4	-1281.4	115.0	281.2	-248.9	0.0288	0.0171	0.0022	29.39	41.28	0.00	0.00	-0.13	-1.40	12.2
55503	672.9	553.2	-1281.6	123.7	296.9	-263.2	0.0288	0.0171	0.0022	27.24	40.81	0.00	0.00	-0.12	-1.42	9.9
55504	787.3	527.3	-1278.1	122.3	255.3	-232.6	0.0288	0.0171	0.0022	30.06	45.45	0.00	0.00	-0.22	-1.39	7.0
55505	737.2	533.5	-1277.0	139.8	284.9	-260.4	0.0288	0.0171	0.0022	29.86	40.81	2.84	0.00	-0.16	-1.41	15.0
55506	657.3	534.6	-1277.8	142.2	301.4	-279.1	0.0288	0.0171	0.0022	27.31	40.62	0.00	0.00	-0.14	-1.43	10.9
55507	756.4	483.1	-1275.1	150.2	262.8	-240.5	0.0266	0.0171	0.0022	32.81	40.36	0.00	0.00	-0.21	-1.39	12.8
55508	712.8	480.9	-1276.1	158.2	296.2	-268.3	0.0288	0.0171	0.0022	29.34	39.82	0.00	0.00	-0.19	-1.42	12.8
55509	652.0	491.1	-1276.3	163.6	320.2	-292.8	0.0288	0.0171	0.0022	27.74	39.70	0.00	0.00	-0.17	-1.45	11.7
55510	880.7	614.2	-1157.2	43.9	129.2	-173.0	0.0288	0.0171	0.0045	31.00	52.13	199.86	0.00	-0.27	-2.08	0.0
55511	878.0	595.7	-1170.4	94.3	148.6	-174.0	0.0288	0.0171	0.0045	31.63	53.18	203.88	0.00	-0.32	-2.11	0.0
55512	819.3	544.4	-1190.1	154.7	205.0	-182.0	0.0288	0.0171	0.0045	31.08	52.27	200.39	0.00	-0.38	-2.13	0.0
55513	528.3	344.6	-1840.5	235.3	641.5	-438.0	0.0288	0.0171	0.0045	25.62	43.08	165.16	0.00	-0.34	-2.84	0.0
55514	-22.4	-45.4	-3602.8	286.8	862.2	-255.0	0.0288	0.0171	0.0057	11.10	18.67	56.52	0.00	-0.48	-4.15	0.0
55515	-190.0	-130.0	-4074.7	249.4	-517.8	807.7	0.0288	0.0171	0.0057	4.08	6.86	20.76	0.00	-0.32	-4.43	0.0
55516	256.8	236.4	-2432.8	148.3	-840.0	718.7	0.0288	0.0171	0.0057	18.17	30.56	92.49	0.00	-0.14	-3.37	0.0
55517	655.9	501.4	-1388.8	73.8	-269.5	222.3	0.0288	0.0171	0.0022	24.87	37.99	0.00	0.00	-0.12	-1.48	4.9
55518	779.3	550.5	-1318.4	-96.1	175.0	-171.9	0.0288	0.0171	0.0022	30.14	45.31	45.30	0.00	-0.27	-1.46	8.6
55519	811.2	552.6	-1292.5	-101.5	222.2	-200.0	0.0288	0.0171	0.0022	32.75	44.71	43.95	0.00	-0.28	-1.46	15.0
55520	503.1	69.3	-2466.4	73.9	110.0	-815.7	0.0266	0.0171	0.0057	19.39	30.11	91.15	0.00	-0.21	-3.23	0.0
55521	487.6	63.1	-2502.8	128.4	139.8	-825.6	0.0266	0.0171	0.0057	19.85	30.83	93.32	0.00	-0.25	-3.28	0.0
55522	411.9	59.1	-2516.8	193.7	206.0	-810.0	0.0266	0.0171	0.0057	19.12	29.69	89.87	0.00	-0.29	-3.28	0.0
55523	143.4	-57.2	-3286.0	241.1	572.6	-391.1	0.0266	0.0171	0.0057	12.32	19.14	57.93	0.00	-0.42	-3.76	0.0
55524	80.6	16.5	-3265.2	222.2	-525.2	439.2	0.0288	0.0171	0.0057	9.64	16.22	49.09	0.00	-0.31	-3.69	0.0
55525	427.6	379.4	-1761.1	141.6	-576.9	368.5	0.0288	0.0171	0.0057	20.37	34.25	103.69	0.00	-0.16	-2.56	0.0
55526	665.9	542.7	-1211.3	64.8	133.3	-148.8	0.0288	0.0171	0.0022	24.48	38.30	0.00	0.00	-0.12	-1.25	6.9
55527	740.1	538.6	-1329.3	-92.2	-145.8	147.9	0.0288	0.0171	0.0022	28.70	41.72	41.72	0.00	-0.23	-1.45	11.3
55528	790.7	539.8	-1286.4	-96.7	173.0	-177.7	0.0288	0.0171	0.0022	30.27	46.66	46.66	0.00	-0.30	-1.44	6.8
55529	805.1	530.1	-1280.9	-93.9	217.9	-205.2	0.0288	0.0171	0.0022	32.13	43.58	43.57	0.00	-0.27	-1.44	15.0
55530	398.4	61.8	-2461.9	87.9	91.0	735.9	0.0266	0.0171	0.0057	17.26	26.81	81.15	0.00	-0.26	-3.12	0.0
55531	383.2	70.0	-2491.2	120.8	-100.2	752.8	0.0266	0.0171	0.0057	16.47	25.59	77.46	0.00	-0.21	-3.14	0.0
55532	333.1	96.6	-2538.4	143.4	-98.3	791.1	0.0266	0.0171	0.0057	16.53	25.67	77.72	0.00	-0.22	-3.20	0.0
55533	305.5	167.5	-2502.0	132.5	-198.9	759.9	0.0266	0.0171	0.0057	16.01	24.87	75.27	0.00	-0.16	-3.15	0.0
55534	473.0	378.5	-1768.3	92.9	-506.2	341.5	0.0266	0.0171	0.0057	21.96	34.11	103.27	0.00	-0.15	-2.52	0.0
55535	654.9	534.5	-1241.3	58.1	123.1	-148.9	0.0266	0.0171	0.0022	25.98	36.79	0.00	0.00	-0.10	-1.27	9.8
55536	703.1	539.8	-1316.4	-70.8	-119.1	-146.7	0.0266	0.0171	0.0022	27.90	39.30	0.00	0.00	-0.14	-1.35	7.8
55537	741.0	536.4	-1265.7	-79.0	164.3	-176.8	0.0266	0.0171	0.0022	30.73	43.03	43.03	0.00	-0.23	-1.41	8.8
55538	757.8	514.5	-1274.1	86.1	186.1	-187.1	0.0266	0.0171	0.0022	30.35	40.63	0.00	0.00	-0.17	-1.34	7.3
55539	766.7	493.5	-1274.4	122.3	223.2	-210.7	0.0266	0.0171	0.0022	32.11	39.62	0.00	0.00	-0.19	-1.36	12.6
55540	597.8	519.1	-1126.7	90.2	89.0	-153.7	0.0266	0.0171	0.0022	24.98	37.49	37.48	0.00	-0.16	-1.24	5.1
55541	602.3	529.1	-1133.3	95.8	98.2	-153.1	0.0266	0.0171	0.0022	25.06	39.21	39.21	0.00	-0.18	-1.25	3.5
55542	600.0	546.2	-1134.7	90.4	96.8	-160.7	0.0266	0.0171	0.0022	25.53	38.05	37.00	0.00	-0.15	-1.25	6.4
55543	610.4	561.5	-1127.2	71.8	-94.7	-183.9	0.0266	0.0171	0.0022	27.62	38.12	38.08	0.00	-0.18	-1.25	15.0
55544	624.4	545.6	-1226.6	55.7	137.0	-154.5	0.0266	0.0171	0.0022	25.14	35.96	0.00	0.00	-0.08	-1.26	12.9
55545	651.1	524.5	-1284.4	57.2	-107.0	-150.9	0.0266	0.0171	0.0022	26.21	38.96	38.95	0.00	-0.16	-1.40	5.5
55546	682.8	514.9	-1250.9	73.6	147.1	-179.1	0.0266	0.0171	0.0022	27.39	37.19	0.00	0.00	-0.12	-1.30	11.0
55547	695.1	494.2	-1262.2	94.4	163.7	-186.0	0.0266	0.0171	0.0022	28.42	37.71	0.00	0.00	-0.16	-1.32	10.9
55548	699.1	470.2	-1264.2	119.9	188.2	-197.0	0.0266	0.0171	0.0022	29.44	37.78	0.00	0.00	-0.19	-1.33	11.9
55549	698.4	441.3	-1270.3	152.5	217.8	-216.2	0.0266	0.0171	0.0022	30.52	38.12	0.00	0.00	-0.23	-1.36	12.3
55550	539.9	509.6	-1225.7	97.9	87.2	-172.2	0.0266	0.0171	0.0022	25.44	34.41	34.40	0.00	-0.18	-1.33	15.0
55551	556.2	513.0	-1230.6	97.0	95.1	-175.5	0.0266	0.0171	0.0022	24.40	36.14	36.08	0.00	-0.16	-1.35	6.5
55552	568.9	514.7	-1235.7	94.1	104.4	-178.8	0.0266	0.0171	0.0022	23.87	37.90	37.88	0.00	-0.16	-1.36	3.7
55553	581.5	509.1	-1243.8	90.8	117.5	-178.0	0.0266	0.0171	0.0022	24.15	37.61	37.55	0.00	-0.16	-1.37	3.3
55554	597.9	497.2	-1234.8	90.9	123.9	-182.8	0.0266	0.0171	0.0022	24.71	37.15	0.00	0.00	-0.15	-1.28	5.1
55555	614.3	478.8	-1233.8	98.0	139.6	-185.0	0.0266	0.0171	0.0022	25.58	36.46	0.00	0.00	-0.16	-1.28	8.0
55556	626.1	457.4	-1246.3	112.2	146.6	-186.9	0.0266	0.0171	0.0022	26.49	36.10	0.00	0.00	-0.19	-1.30	10.1
55557	632.0	437.6	-1249.4	131.7	164.9	-194.4	0.0266	0.0171	0.0022	26.99	37.51	0.00	0.00	-0.23	-1.31	7.8
55558	629.8	415.8	-1256.4	153.1	182.6	-201.8	0.0266	0.0171	0.0022	28.21	35.67	0.00	0.00	-0.24	-1.33	12.6
55559	621.1	388.4	-1264.0	176.5	205.0	-216.9	0.0266	0.0171	0.0022	28.79	35.29	0.00	0.00	-0.27	-1.35	13.2
55560	494.7	415.4	-1186.0	120.2	103.9	-187.6	0.0266	0.0171	0.0022	21.88	33.98	260.54	0.00	-0.22	-1.80	0.0
55561	514.2	416.9	-1191.9	123.5	111.4	-189.4	0.0266	0.0171	0.0022	22.50	34.94	267.90	0.00	-0.23	-1.82	0.0
55562	529.7	418.1	-1198.2	127.7	119.8	-190.6	0.0266	0.0171	0.0022	23.05	35.80	274.51	0.00	-0.25	-1.84	0.0
55563	542.3	416.9	-1204.5	132.3	128.2	-192.1	0.0266	0.0171	0.0022	23.62	36.20	0.00	0.00	-0.23	-1.26	5.1
55564	552.5	411.9	-1214.1	137.8	138.0	-192.9	0.0266	0.0171	0.0022	24.19	36.24	0.00	0.00	-0.24	-1.27	5.5
55565	560.8	403.3	-1222.7	145.3	147.4	-194.0	0.0266	0.0171	0.0022	24.73	36.28	0.00	0.00	-0.25	-1.28	6.1
55566	566.5	391.8	-1229.4	155.7	158.2	-195.9	0.0266	0.0171	0.0022	25.45	35.72	0.00	0.00	-0.26	-1.30	7.5
55567	567.5	378.4	-1237.9	168.7	168.7	-198.8	0.0266	0.0171	0.0022	25.76	36.30	0.00	0.00	-0.29	-1.31	7.3

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
55568	562.6	363.1	-1246.0	182.8	181.5	-204.0	0.0266	0.0171	0.0022	26.08	36.21	0.00	0.00	-0.31	-1.33	7.8
55569	550.9	343.1	-1255.2	195.7	195.9	-213.3	0.0266	0.0171	0.0022	26.17	35.54	0.00	0.00	-0.32	-1.34	8.4
55570	422.9	420.3	-1293.0	179.7	281.6	-224.4	0.0288	0.0171	0.0022	20.92	35.17	269.67	0.00	-0.28	-1.98	0.0
55571	396.4	404.8	-1287.8	172.7	268.0	-225.0	0.0288	0.0171	0.0022	19.92	33.50	256.84	0.00	-0.27	-1.94	0.0
55572	393.7	376.6	-1284.8	174.5	271.9	-236.7	0.0266	0.0171	0.0022	21.08	32.73	250.98	0.00	-0.27	-1.93	0.0
55573	488.5	454.4	-1290.2	146.2	295.1	-239.3	0.0288	0.0171	0.0022	21.57	36.27	278.08	0.00	-0.21	-2.00	0.0
55574	458.6	440.5	-1286.1	144.1	292.0	-248.4	0.0288	0.0171	0.0022	20.67	34.75	266.45	0.00	-0.20	-1.97	0.0
55575	447.9	408.1	-1284.9	151.7	300.2	-262.6	0.0288	0.0171	0.0022	20.24	34.04	260.98	0.00	-0.21	-1.96	0.0
55576	571.8	509.6	-1285.9	123.9	302.8	-258.1	0.0288	0.0171	0.0022	24.54	36.42	0.00	0.00	-0.11	-1.42	13.8
55577	545.4	493.0	-1282.6	127.5	305.1	-273.0	0.0288	0.0171	0.0022	23.54	35.98	0.00	0.00	-0.11	-1.43	10.9
55578	517.6	452.5	-1281.7	131.4	321.1	-289.9	0.0288	0.0171	0.0022	22.39	34.56	0.00	0.00	-0.11	-1.44	8.2
55579	528.2	324.9	-1265.3	200.2	212.7	-227.7	0.0266	0.0171	0.0022	26.72	31.78	0.00	0.00	-0.30	-1.37	13.8
55580	599.1	373.0	-1272.4	189.0	231.0	-240.0	0.0266	0.0171	0.0022	28.65	34.62	0.00	0.00	-0.27	-1.38	13.9
55581	681.7	425.8	-1275.8	174.8	252.8	-245.9	0.0266	0.0171	0.0022	30.36	39.87	0.00	0.00	-0.26	-1.40	9.6
55582	491.2	331.6	-1275.1	194.8	232.8	-241.3	0.0266	0.0171	0.0022	23.46	36.43	279.34	0.00	-0.35	-1.97	0.0
55583	557.4	385.8	-1280.2	186.3	258.5	-261.6	0.0266	0.0171	0.0022	26.55	36.39	0.00	0.00	-0.26	-1.41	8.8
55584	637.8	424.3	-1280.5	176.9	285.1	-271.9	0.0266	0.0171	0.0022	28.97	39.51	0.00	0.00	-0.24	-1.43	8.5
55585	440.5	351.5	-1282.5	186.4	256.6	-247.0	0.0266	0.0171	0.0022	22.15	34.40	263.72	0.00	-0.31	-1.95	0.0
55586	500.4	392.0	-1285.4	173.7	285.2	-272.3	0.0266	0.0171	0.0022	25.43	32.90	0.00	0.00	-0.20	-1.43	13.2
55587	577.4	429.8	-1285.7	168.6	314.0	-291.2	0.0266	0.0171	0.0022	27.15	37.06	0.00	0.00	-0.18	-1.45	9.1
55588	386.6	547.5	-1197.4	363.7	-206.0	-205.3	0.0288	0.0171	0.0140	30.54	51.36	63.01	0.00	-0.78	-2.12	0.0
55589	366.9	550.0	-1180.9	385.0	-229.2	-232.1	0.0288	0.0171	0.0140	31.41	52.81	64.79	0.00	-0.84	-2.14	0.0
55590	341.4	545.1	-1170.6	395.2	-243.9	-251.6	0.0288	0.0171	0.0140	31.58	53.11	65.15	0.00	-0.87	-2.14	0.0
55591	315.9	521.7	-1186.1	381.8	-208.9	-216.5	0.0288	0.0171	0.0140	29.79	50.09	61.45	0.00	-0.83	-2.09	0.0
55592	301.2	518.7	-1175.9	399.6	-233.9	-245.8	0.0288	0.0171	0.0140	30.53	51.34	62.99	0.00	-0.88	-2.11	0.0
55593	299.0	514.4	-1167.8	407.5	-247.7	-268.1	0.0288	0.0171	0.0140	30.98	52.10	63.91	0.00	-0.91	-2.13	0.0
55594	251.6	476.3	-1181.2	364.7	-216.0	-226.7	0.0288	0.0171	0.0140	27.58	46.38	56.90	0.00	-0.81	-2.03	0.0
55595	243.9	465.6	-1174.8	377.4	-242.5	-256.3	0.0288	0.0171	0.0140	28.12	47.29	58.02	0.00	-0.85	-2.05	0.0
55596	244.2	466.3	-1167.8	395.8	-261.7	-282.8	0.0288	0.0171	0.0140	29.15	49.01	60.13	0.00	-0.89	-2.08	0.0
55597	860.8	611.0	-1154.9	-11.7	-128.6	-173.6	0.0288	0.0171	0.0045	30.17	50.73	194.48	0.00	-0.24	-2.05	0.0
55598	819.8	587.7	-1159.0	-61.4	-144.0	-174.1	0.0288	0.0171	0.0045	29.17	49.05	188.05	0.00	-0.24	-2.03	0.0
55599	727.1	533.0	-1165.2	-121.3	-195.6	-179.5	0.0288	0.0171	0.0045	27.46	46.18	177.02	0.00	-0.28	-2.00	0.0
55600	418.3	333.9	-1777.0	-204.4	-603.4	-465.4	0.0288	0.0171	0.0057	21.22	35.68	108.00	0.00	-0.21	-2.65	0.0
55601	-143.1	-42.0	-3479.8	-283.0	-797.6	-348.8	0.0288	0.0171	0.0057	7.59	12.76	38.63	0.00	-0.40	-3.92	0.0
55602	-407.6	-136.6	-3977.7	-280.6	392.7	758.4	0.0288	0.0171	0.0057	3.36	5.66	17.12	0.00	-0.54	-4.27	0.0
55603	-154.7	169.1	-2513.5	-175.0	675.6	867.8	0.0288	0.0171	0.0057	14.81	24.90	75.39	0.00	-0.41	-3.37	0.0
55604	143.0	404.5	-1564.3	182.9	364.6	438.3	0.0288	0.0171	0.0022	25.34	39.42	39.41	0.00	-0.66	-1.85	4.9
55605	310.1	492.4	-1355.4	285.5	298.8	262.2	0.0288	0.0171	0.0022	39.03	40.48	40.34	0.00	-0.88	-1.58	15.0
55606	386.1	538.2	-1216.7	332.4	195.0	185.6	0.0288	0.0171	0.0140	29.09	48.91	60.00	0.00	-0.72	-2.09	0.0
55607	485.7	72.2	-2441.5	-49.8	-114.1	-804.9	0.0266	0.0171	0.0057	18.49	28.71	86.92	0.00	-0.19	-3.17	0.0
55608	429.7	66.4	-2455.7	-119.3	-153.9	-806.2	0.0266	0.0171	0.0057	17.68	27.46	83.12	0.00	-0.20	-3.17	0.0
55609	306.9	55.9	-2469.9	-195.3	-214.2	-800.4	0.0266	0.0171	0.0057	16.46	25.56	77.37	0.00	-0.26	-3.16	0.0
55610	-14.8	-71.7	-3255.4	-253.0	-583.4	-370.0	0.0266	0.0171	0.0057	8.45	13.12	39.72	0.00	-0.38	-3.63	0.0
55611	-144.2	-10.8	-3265.4	-247.1	499.4	474.2	0.0288	0.0171	0.0057	6.27	10.54	31.90	0.00	-0.36	-3.60	0.0
55612	129.1	362.6	-1750.8	-176.8	584.8	408.7	0.0288	0.0171	0.0057	16.12	27.11	82.05	0.00	-0.19	-2.46	0.0
55613	299.9	556.6	-1155.9	168.6	122.0	138.0	0.0288	0.0171	0.0022	30.63	36.80	36.75	0.00	-0.62	-1.27	9.7
55614	321.6	561.9	-1253.1	266.7	149.1	164.1	0.0288	0.0171	0.0022	33.22	41.63	41.63	0.00	-0.75	-1.39	9.0
55615	340.5	549.5	-1215.0	322.6	147.1	156.1	0.0288	0.0171	0.0022	38.93	42.01	42.00	0.00	-0.91	-1.35	13.6
55616	333.8	531.3	-1202.7	357.1	-172.0	-182.0	0.0288	0.0171	0.0140	28.94	48.66	59.70	0.00	-0.77	-2.07	0.0
55617	379.8	64.4	-2437.8	-60.5	105.1	724.6	0.0266	0.0171	0.0057	14.72	22.86	69.21	0.00	-0.14	-3.03	0.0
55618	320.0	72.5	-2444.7	-112.4	98.9	735.0	0.0266	0.0171	0.0057	14.48	22.48	68.06	0.00	-0.17	-3.03	0.0
55619	214.5	93.0	-2496.2	-150.4	91.3	785.0	0.0266	0.0171	0.0057	14.85	23.06	69.80	0.00	-0.26	-3.12	0.0
55620	127.0	158.4	-2465.3	-149.4	189.1	768.6	0.0266	0.0171	0.0057	15.10	23.45	70.98	0.00	-0.29	-3.09	0.0
55621	236.3	371.0	-1724.4	-113.5	504.7	351.3	0.0266	0.0171	0.0057	16.53	25.67	77.70	0.00	-0.09	-2.35	0.0
55622	362.0	534.7	-1184.2	178.7	-112.9	-137.8	0.0266	0.0171	0.0022	32.41	36.44	36.38	0.00	-0.56	-1.29	11.2
55623	354.1	546.9	-1254.6	232.6	125.1	-133.1	0.0266	0.0171	0.0022	36.15	37.45	37.25	0.00	-0.66	-1.38	15.0
55624	342.4	547.3	-1196.7	276.3	-143.5	-162.2	0.0266	0.0171	0.0022	33.36	42.70	42.70	0.00	-0.69	-1.33	6.7
55625	317.1	522.8	-1194.8	312.9	-160.9	-172.3	0.0266	0.0171	0.0022	40.65	40.65	39.57	0.00	-0.89	-1.34	13.5
55626	280.3	495.4	-1187.2	342.5	-186.6	-194.6	0.0266	0.0171	0.0022	40.92	40.94	40.67	0.00	-0.94	-1.35	14.0
55627	572.8	516.1	-1124.7	82.2	-90.9	-149.9	0.0266	0.0171	0.0022	25.26	36.75	36.75	0.00	-0.19	-1.23	7.6
55628	527.0	521.8	-1122.9	-83.2	-96.8	-145.2	0.0266	0.0171	0.0022	22.86	35.51	272.26	0.00	-0.15	-1.75	0.0
55629	472.1	537.2	-1112.3	96.5	-94.8	-151.4	0.0266	0.0171	0.0022	25.27	36.06	36.01	0.00	-0.25	-1.22	6.5
55630	429.1	552.4	-1093.1	133.9	90.7	-173.6	0.0266	0.0171	0.0022	31.34	35.88	35.86	0.00	-0.43	-1.21	15.0
55631	390.4	537.2	-1181.3	177.4	-128.7	-143.6	0.0266	0.0171	0.0022	30.99	37.42	37.42	0.00	-0.51	-1.30	9.9
55632	365.7	516.7	-1230.0	210.6	110.0	-137.8	0.0266	0.0171	0.0022	33.65	35.46	34.72	0.00	-0.58	-1.35	15.0
55633	349.1	507.9	-1186.8	236.0	-131.3	-165.4	0.0266	0.0171	0.0022	33.20	38.09	38.08	0.00	-0.64	-1.31	10.2
55634	317.5	487.6	-1188.6	262.5	-143.3	-171.9	0.0266	0.0171	0.0022	36.99	36.96	36.55	0.00	-0.77	-1.31	13.2
55635	282.0	463.2	-1182.0	287.8	-161.8	-183.1	0.0266	0.0171	0.0022	33.34	38.26	38.26	0.00	-0.75	-1.32	9.0
55636	241.8	436.0	-1180.0	311.1	-183.6	-203.5	0.0266	0.0171	0.0022	33.37	38.30	38.29	0.00	-0.80	-1.33	8.7
55637	514.9	508.8	-1220.0	99.2	-86.4	-170.0	0.0266	0.0171	0.0022	24.65	36.27	36.25	0.00	-0.23	-1.33	5.6
55638	480.8	510.1	-1214.3	105.6	-92.3	-169.8	0.0266	0.0171	0.0022	23.36	36.29	278.21	0.00	-0.23	-1.86	0.0
55639	442.8	509.7	-1209.4	119.8	-99.2	-170.8	0.0266	0.0171	0.0022	23.37	36.29	278.27	0.00	-0.27	-1.85	0.0
55640	404.9	502.2	-1207.2	141.0	-110.1	-168.2	0.0266	0.0171	0.0022	25.67	35.85	35.84	0.00	-0.36	-1.32	5.8
55641	372.1	488.2	-1188.3	165.8	-113.8	-171.2	0.0266	0.0171	0.0022	29.48	34.62	34.62	0.00	-0.48	-1.30	11.2
55642	341.7	467.4	-1177.4	190.1	-126.2	-172.2	0.0266	0.0171	0.0022	33.49	33.50	0.00	0.00	-0.61	-1.22	14.8
55643	310.2	443.0	-1180.3	212.9	-129.5	-173.0	0.0266	0.0171	0.0022	25.08	36.28	36.28	0.00	-0.50	-1.30	3.8
55644	277.8	419.5	-1174.2	234.9	-143.5	-180.2	0.0266	0.0171	0.0022	23.44	36.40	279.12	0.00	-0.52	-1.83	0.0
55645	243.8	394.0	-1172.1	257.7	-156.4	-188.3	0.0266	0.0171	0.0022	23.33	36.23	277.82	0.00	-0.57	-1.83	0.0
55646	210.8	365.5	-1171.3	279.5	-172.7	-204.8	0.0266	0.0171	0.0022	23.24	36.09	276.73	0.00	-0.62	-1.83	0.0
55647	469.8	415.6	-1180.7	118.3	97.2	-186.0	0.0266	0.0171	0.0022	21.24	32.99	252.93	0.00	-0.22	-1.77	0.0
55648	439.6	416.5	-1175.7	119.5	-102.7	-185.0	0.0266	0.0171	0.0022	21.48	33.36	255.74	0.00	-0.26	-1.77	0.0
55649	405.9	415.9	-1171.4	124.8	-109.4	-184.0	0.0266	0.0171	0.0022	21.09	32.75	251.11	0.00	-0.27	-1.76	0.0
55650	370.5	412.1	-1167.2	134.5	-115.8	-183.6	0.0266	0.0171	0.0022	20.83	32.36	248.10	0.00	-0.30	-1.75	0.0
55651	334.7	404.0	-1166.6	148.4	-123.3	-182.7	0.0266	0.0171	0.0022	20.67	32.10	246.14	0.00	-0.33	-1.74	0.0
55652	300.0	391.4	-1165.1	165.5	-130.2	-182.5	0.0266	0.0171	0.0022	20.55	31.92	244.71	0.00	-0.37	-1.74	0.0
55653	266.7	374.8	-1162.0	184.3	-138.0	-183.5	0.0266	0.0171	0.0022	20.44	31.74	243.39	0.00	-0.42	-1.74	0.0
55654	234.7	354.9	-1161.1	204.6	-145.1	-186.0	0.0266	0.0171	0.0022	20.33	31.57	242.05	0.00	-0.46	-1.73	0.0
55655	204.7	332.1	-1160.1	226.2	-154.2	-191.7	0.0266	0.0171	0.0022	20.26	31.47	241.27	0.00	-0.51	-1.73	0.0
55656	178.8	304.0	-1160.7	248.3	-164.4	-202.2	0.0266	0.0171	0.0022	20.21	31.38	240.61	0.00	-0.55	-1.74	0.0
55657	160.3	451.9	-1156.4	382.4	280.7	-233.0	0.0288	0.0171	0.0140	24.86	41.80	51.28	0.00	-0.71	-1.99	0.0
55658	197.2	388.5	-1156.6	387.7	240.7	-229.3	0.0288	0.0171	0.0140	24.05	40.45	49.62	0.00	-0.70	-1.95	0.0
55659	209.1	328.8	-1159.6	347.2	226.1	-234.1	0.0266	0.0171	0.0022	23.38	36.31	278.40	0.00	-0.62	-1.87	0.0
55660	248.1	479.7	-1160.9	391.2	257.8	-239.4	0.0288	0.0171	0.0140	26.83	45.11	55.34	0.00	-0.72	-2.03	0.0
55661	264.0	432.4	-1160.6	397.5	-243.1	-246.9	0.0288	0.0171	0.0140	28.29	47.57	58.36	0.00	-0.87	-2.04	0.0
55662	260.0	380.1	-1163.9	361.4	-246.5	-257.6	0.0288	0.0171	0.0140	26.13	43.93	53.90	0.00	-0.80	-1.98	0.0
55663	310.1	513.4	-1164.9	394.6	-251.6	-253.3	0.0288	0.0171	0.0140	30.58	51.42	63.07	0.00	-0.87	-2.11	0.0
55664	300.8	477.0	-1164.0	402.9	-252.3	-267.3	0.0288	0.0171	0.0140	30.12	50.64	62.13	0.00	-0.89	-2.10	0.0
55665	296.9	428.1	-1165.5	383.3	-262.9	-282.5	0.0288	0.0171	0.0140	28.68	48.22	59.15	0.00	-0.85	-2.07	0.0
55666	164.8	277.3	-1162.7	266.8	-176.4	-216.7	0.0266	0.0171	0.0022	20.28	31.50	241.54	0.00	-0.59	-1.75	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
55667	194.2	347.9	-1172.4	294.2	-191.8	-228.4	0.0266	0.0171	0.0022	32.48	32.64	32.63	0.00	-0.80	-1.32	11.3
55668	218.0	417.4	-1178.9	323.9	-209.5	-233.8	0.0266	0.0171	0.0022	32.96	39.18	39.18	0.00	-0.83	-1.35	7.8
55669	166.8	275.8	-1164.9	283.2	-191.2	-232.0	0.0266	0.0171	0.0022	21.13	32.81	251.59	0.00	-0.63	-1.78	0.0
55670	199.7	351.3	-1173.1	303.1	-212.3	-251.6	0.0266	0.0171	0.0022	32.54	34.54	34.54	0.00	-0.81	-1.34	10.1
55671	222.0	409.5	-1177.2	328.2	-233.9	-261.4	0.0266	0.0171	0.0022	38.19	38.19	30.46	0.00	-0.92	-1.36	13.5
55672	184.2	291.6	-1164.6	303.0	-209.9	-239.6	0.0266	0.0171	0.0022	22.66	35.20	269.91	0.00	-0.67	-1.82	0.0
55673	219.9	352.4	-1170.9	317.4	-233.1	-263.5	0.0266	0.0171	0.0022	31.80	37.25	37.25	0.00	-0.81	-1.36	8.4
55674	239.6	411.8	-1175.4	334.6	-256.2	-282.8	0.0379	0.0171	0.0022	21.56	44.69	44.69	0.00	-0.82	-1.39	5.9
55683	242.9	357.4	-1157.1	242.8	-253.1	-252.1	0.0161	0.0130	0.0244	38.58	47.68	25.39	0.00	-0.57	-1.85	0.0
55752	222.9	345.4	-1145.8	256.7	-261.7	-260.8	0.0156	0.0132	0.0244	39.91	47.16	25.54	0.00	-0.60	-1.85	0.0
55761	221.4	330.2	-1154.1	245.2	-250.3	-261.5	0.0143	0.0128	0.0127	41.97	46.99	47.30	0.00	-0.58	-1.83	0.0
55770	229.2	296.3	-1158.4	159.5	-252.9	-252.8	0.0161	0.0130	0.0244	31.22	38.58	20.55	0.00	-0.40	-1.74	0.0
55839	230.7	285.7	-1132.0	174.0	-265.8	-268.9	0.0156	0.0132	0.0244	33.28	39.33	21.30	0.00	-0.44	-1.74	0.0
55848	220.3	271.3	-1143.1	157.3	-256.7	-269.4	0.0143	0.0128	0.0127	34.19	38.28	38.54	0.00	-0.40	-1.72	0.0
55849	4387.8	515.8	1025.9	868.1	-1135.2	63.7	0.0357	0.0357	0.0179	136.71	136.71	273.42	0.00	-4.02	-4.71	0.0
55850	3369.7	-10.2	493.5	93.2	1168.8	-41.7	0.0357	0.0357	0.0179	105.92	105.92	211.85	0.00	-3.67	-3.84	0.0
55851	2876.2	39.5	144.6	110.2	991.1	53.5	0.0567	0.0192	0.0283	56.49	167.12	112.98	0.00	-3.17	-3.38	0.0
55852	2522.6	10.9	58.6	-141.6	887.9	73.0	0.0567	0.0192	0.0283	49.63	146.83	99.26	0.00	-2.76	-3.09	0.0
55853	2239.5	10.4	58.8	-148.0	839.7	70.3	0.0412	0.0192	0.0283	61.44	132.06	89.28	0.00	-2.48	-2.80	0.0
55854	1986.5	8.8	69.2	-147.8	830.8	66.6	0.0412	0.0192	0.0283	55.89	120.14	81.22	0.00	-2.25	-2.59	0.0
55855	1745.1	8.3	75.4	-146.2	842.8	64.3	0.0412	0.0192	0.0283	51.03	109.70	74.16	0.00	-2.06	-2.42	0.0
55856	1509.5	7.9	79.1	-145.5	864.7	62.8	0.0412	0.0192	0.0283	46.66	100.30	67.81	0.00	-1.88	-2.29	0.0
55857	1282.4	7.6	81.8	-146.0	890.1	61.5	0.0412	0.0192	0.0283	42.76	91.91	62.14	0.00	-1.72	-2.19	0.0
55858	1073.5	7.5	84.3	-147.7	916.0	60.1	0.0412	0.0192	0.0283	39.46	84.83	57.35	0.00	-1.59	-2.12	0.0
55859	896.5	7.5	87.1	-150.2	940.9	58.7	0.0412	0.0192	0.0283	36.94	79.41	53.69	0.00	-1.49	-2.08	0.0
55860	762.9	7.5	90.4	-153.6	963.8	57.3	0.0412	0.0192	0.0283	35.28	75.84	51.27	0.00	-1.42	-2.08	0.0
55861	673.1	7.7	94.3	-158.0	984.3	55.7	0.0412	0.0192	0.0283	34.37	73.88	49.95	0.00	-1.39	-2.09	0.0
55862	616.5	8.1	98.7	-163.7	1002.6	53.7	0.0412	0.0192	0.0283	33.98	73.05	49.38	0.00	-1.37	-2.11	0.0
55863	579.6	8.6	102.7	-171.7	1020.6	50.9	0.0412	0.0192	0.0283	33.91	72.89	49.28	0.00	-1.37	-2.13	0.0
55864	551.6	9.3	104.6	-182.9	1043.4	47.0	0.0412	0.0192	0.0283	34.09	73.28	49.54	0.00	-1.37	-2.17	0.0
55865	526.3	10.0	99.4	-198.2	1082.6	41.6	0.0412	0.0192	0.0283	34.66	74.50	50.37	0.00	-1.40	-2.25	0.0
55866	501.5	9.9	76.9	-216.7	1161.0	-43.3	0.0412	0.0192	0.0283	36.29	78.01	52.74	0.00	-1.50	-2.40	0.0
55867	480.2	8.0	29.5	-231.0	1316.9	-59.1	0.0567	0.0192	0.0283	28.57	84.51	57.13	0.00	-1.63	-2.71	0.0
55868	473.7	19.5	14.1	-212.4	1602.0	-58.6	0.0567	0.0192	0.0283	33.22	98.29	66.45	0.00	-1.88	-3.26	0.0
55869	496.8	1.0	14.8	-166.9	2114.8	75.2	0.0357	0.0357	0.0179	66.77	66.77	133.54	0.00	-2.37	-4.27	0.0
55870	889.8	235.1	-39.6	-400.5	2302.6	-120.8	0.0357	0.0357	0.0179	79.22	79.22	158.45	0.00	-2.64	-4.77	0.0
55871	3259.1	594.4	935.5	507.5	-901.2	-151.4	0.0357	0.0357	0.0179	102.37	102.37	204.73	0.00	-3.03	-3.16	0.0
55872	3511.0	190.1	713.2	364.2	988.9	-187.0	0.0357	0.0357	0.0179	107.67	107.67	215.34	0.00	-3.26	-3.88	0.0
55873	3031.1	78.0	410.0	-358.2	839.6	-59.9	0.0357	0.0192	0.0179	92.80	173.10	185.61	0.00	-3.14	-3.29	0.0
55874	2666.8	50.7	293.4	-431.6	797.0	-19.7	0.0357	0.0192	0.0179	83.08	154.97	166.17	0.00	-2.84	-3.06	0.0
55875	2343.3	40.5	209.1	-463.6	776.6	31.1	0.0202	0.0192	0.0179	131.74	139.17	149.23	0.00	-2.53	-2.88	0.0
55876	2055.8	39.1	175.9	-470.8	774.5	35.1	0.0202	0.0192	0.0179	119.17	125.90	134.99	0.00	-2.29	-2.68	0.0
55877	1789.8	38.1	165.3	-473.5	784.9	35.5	0.0202	0.0192	0.0179	108.26	114.38	122.64	0.00	-2.08	-2.50	0.0
55878	1538.8	37.6	161.7	-476.8	802.2	35.0	0.0202	0.0192	0.0179	98.68	104.26	111.79	0.00	-1.89	-2.37	0.0
55879	1303.2	37.2	159.4	-482.3	822.9	34.2	0.0202	0.0192	0.0179	90.37	95.47	102.37	0.00	-1.72	-2.26	0.0
55880	1090.3	36.9	157.4	-490.1	845.0	33.2	0.0202	0.0192	0.0179	83.51	88.22	94.60	0.00	-1.59	-2.20	0.0
55881	912.1	36.8	155.7	-500.0	867.4	32.1	0.0202	0.0192	0.0179	78.38	82.81	88.79	0.00	-1.49	-2.17	0.0
55882	778.8	36.8	154.2	-512.0	889.7	-33.1	0.0202	0.0192	0.0179	76.04	80.34	86.14	0.00	-1.50	-2.15	0.0
55883	690.4	37.2	152.9	-526.6	911.9	-34.5	0.0202	0.0192	0.0179	74.54	78.75	84.44	0.00	-1.47	-2.17	0.0
55884	636.7	38.1	151.3	-544.8	934.6	-36.0	0.0202	0.0192	0.0179	74.29	78.48	84.15	0.00	-1.47	-2.22	0.0
55885	604.3	39.5	148.2	-568.4	960.1	-37.9	0.0202	0.0192	0.0179	74.94	79.18	84.90	0.00	-1.48	-2.28	0.0
55886	583.2	41.3	141.8	-599.6	992.6	-40.2	0.0202	0.0192	0.0179	76.40	80.71	86.54	0.00	-1.51	-2.36	0.0
55887	567.5	42.6	131.1	-640.3	1040.5	-42.2	0.0202	0.0192	0.0179	78.83	83.28	89.30	0.00	-1.57	-2.48	0.0
55888	555.4	41.1	120.0	-688.4	1117.8	-40.0	0.0202	0.0192	0.0179	82.70	87.37	93.69	0.00	-1.65	-2.66	0.0
55889	550.4	34.9	113.0	-726.3	1243.4	-25.8	0.0357	0.0192	0.0179	50.06	93.37	100.12	0.00	-1.76	-2.91	0.0
55890	556.1	37.7	101.8	-723.7	1428.2	69.4	0.0357	0.0192	0.0179	53.65	100.07	107.31	0.00	-1.81	-3.25	0.0
55891	607.9	76.8	108.1	-552.5	1832.0	289.1	0.0357	0.0357	0.0179	62.44	62.44	124.87	0.00	-1.99	-3.92	0.0
55892	483.4	271.4	-15.3	-348.6	1781.9	305.2	0.0357	0.0357	0.0179	56.95	56.95	113.90	0.00	-1.66	-3.71	0.0
55893	7470.7	689.9	1096.2	926.7	1435.1	87.0	0.0567	0.0462	0.0179	148.05	112.89	222.54	0.00	-3.53	-4.80	15.0
55894	4739.9	37.1	50.3	-116.0	480.9	-67.2	0.0567	0.0462	0.0179	84.52	103.68	268.12	0.00	-4.72	-4.83	0.0
55895	3843.4	15.2	62.9	-47.8	363.6	26.5	0.0567	0.0296	0.0179	68.41	130.86	217.02	0.00	-3.83	-3.89	0.0
55896	3249.7	5.8	20.8	-76.2	275.5	24.6	0.0567	0.0296	0.0179	57.76	110.49	183.23	0.00	-3.24	-3.30	0.0
55897	2854.4	2.6	23.7	-84.6	242.5	27.6	0.0412	0.0296	0.0179	69.85	97.08	161.00	0.00	-2.84	-2.91	0.0
55898	2547.4	1.8	26.7	-90.9	236.3	28.0	0.0412	0.0296	0.0179	62.44	86.79	143.93	0.00	-2.53	-2.61	0.0
55899	2273.3	2.2	28.6	-93.4	242.2	28.3	0.0412	0.0296	0.0179	55.90	77.69	128.84	0.00	-2.26	-2.34	0.0
55900	2009.4	2.8	29.7	-94.8	251.5	28.4	0.0412	0.0296	0.0179	49.64	68.99	114.42	0.00	-2.01	-2.09	0.0
55901	1753.9	3.3	30.5	-95.6	261.2	28.2	0.0412	0.0296	0.0179	43.63	60.64	100.56	0.00	-1.76	-1.84	0.0
55902	1517.3	3.8	31.1	-96.5	270.0	27.8	0.0412	0.0296	0.0179	38.11	52.97	87.85	0.00	-1.53	-1.62	0.0
55903	1315.8	4.1	31.8	-97.4	277.4	27.3	0.0412	0.0296	0.0179	33.48	46.53	77.16	0.00	-1.34	-1.44	0.0
55904	1163.0	4.4	32.6	-98.4	283.0	26.8	0.0412	0.0296	0.0179	30.01	41.72	69.18	0.00	-1.20	-1.31	0.0
55905	1060.1	4.7	33.6	-99.4	286.4	26.2	0.0412	0.0296	0.0179	27.71	38.52	63.88	0.00	-1.11	-1.22	0.0
55906	996.1	4.9	34.6	-100.2	287.1	25.5	0.0412	0.0296	0.0179	26.28	36.53	60.58	0.00	-1.05	-1.16	0.0
55907	956.0	5.1	35.5	-100.5	285.0	24.5	0.0412	0.0296	0.0179	25.36	35.25	58.47	0.00	-1.01	-1.12	0.0
55908	928.2	5.5	35.9	-99.9	281.3	22.8	0.0412	0.0296	0.0179	24.70	34.33	56.93	0.00	-0.99	-1.10	0.0
55909	905.7	6.7	34.5	-97.7	280.8	20.4	0.0412	0.0296	0.0179	24.18	33.61	55.74	0.00	-0.97	-1.07	0.0
55910	887.3	9.0	27.2	-92.0	297.2	-19.8	0.0412	0.0296	0.0179	24.01	33.37	55.34	0.00	-0.99	-1.06	0.0
55911	877.0	20.5	14.7	-84.1	359.5	-17.7	0.0567	0.0296	0.0179	17.90	34.23	56.77	0.00	-1.00	-1.13	0.0
55912	891.3	19.5	10.1	-69.2	517.8	-17.8	0.0567	0.0296	0.0179	20.02	38.30	63.51	0.00	-1.12	-1.36	0.0
55913	971.3	116.4	5.5	-189.1	755.6	79.9	0.0567	0.0462	0.0179	24.66	30.25	78.22	0.00	-1.25	-1.85	0.0
55914	1657.2	256.7	18.9	-457.7	2276.0	55.3	0.0567	0.0462	0.0179	58.13	71.31	184.41	0.00	-3.03	-4.93	0.0
55915	6170.4	865.6	989.9	588.2	1257.2	201.6	0.0567	0.0462	0.0179	118.10	107.44	265.97	0.00	-4.19	-4.19	15.0
55916	4826.8	100.9	122.6	251.8	390.2	-143.5	0.0567	0.0462	0.0179	85.92	105.39	272.54	0.00	-4.62	-4.94	0.0
55917	3886.5	18.1	109.4	-153.0	292.9	-41.5	0.0567	0.0296	0.0179	69.06	132.10	219.08	0.00	-3.82	-3.91	0.0
55918	3322.5	15.2	68.0	-193.3	239.8	-22.7	0.0567	0.0296	0.0179	59.11	113.08	187.52	0.00	-3.30	-3.35	0.0
55919	2912.2	13.7	48.6	-229.5	215.5	-24.7	0.0412	0.0296	0.0179	71.52	99.41	164.86	0.00	-2.91	-2.95	0.0
55920	2585.3	15.3	40.5	-247.4	210.6	-28.3	0.0412	0.0296	0.0179	63.75	88.61	146.95	0.00	-2.60	-2.64	0.0
55921	2293.4	17.4	38.5	-256.7	213.9	-31.0	0.0412	0.0296	0.0179	56.86	79.03	131.06	0.00	-2.32	-2.36	0.0
55922	2017.3	19.5	37.8	-261.5	220.4	-32.9	0.0412	0.0296	0.0179	50.38	70.02	116.12	0.00	-2.06	-2.09	0.0
55923	1754.9	21.4	37.4	-264.7	227.6	-34.2	0.0412	0.0296	0.0179	44.28	61.54	102.06	0.00	-1.82	-1.84	0.0
55924	1515.2	23.0	37.0	-267.6	234.7	-35.2	0.0412	0.0296	0.0179	38.79	53.91	89.40	0.00	-1.60	-1.62	0.0
55925	1313.2	24.4	36.7	-270.8	241.2	-36.0	0.0412	0.0296	0.0179	34.25	47.60	78.95	0.00	-1.41	-1.45	0.0
55926	1161.5	25.5	36.6	-274.3	246.8	-36.6	0.0412	0.0296	0.0179	30.93	42.99	71.30	0.00	-1.28	-1.32	0.0
55927	1060.8	26.5	36.5	-278.2	251.4	-37.2	0.0412	0.0296	0.0179	28.80	40.03	66.39	0.00	-1.19	-1.25	0.0
55928	1000.3	27.3	36.4	-282.0	254.8	-37.6	0.0412	0.0296	0.0179	27.57	38.32	63.55	0.00	-1.14	-1.20	0.0
55929	965.4	28.0	36.2	-285.2	257.6	-37.8	0.0412	0.0296	0.0179	26.89	37.37	61.97	0.00	-1.11	-1.18	0.0
55930	944.7	28.7	35.3	-286.8	260.9	-37.4	0.0412	0.0296	0.0179	26.50	36.83	61.08	0.00	-1.10	-1.17	0.0
55931	932.0	29.6	33.3	-284.5	268.8	-35.8	0.0412	0.0296	0.0179	26.29	36.54	60.59	0.00	-1.09	-1.17	0.0
55932	926.1	31.4	31.0	-275.6	290.3	-30.6	0.0412	0.0296	0.0179	26.29	36.54	60.60	0.00	-1.08	-1.18	0.0
55933	932.3	31.9	30.4	-256.2	345.5	18.3	0.0567	0.0296	0.0179	19.44	37.19	61.67	0.00	-1.05	-1.26	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
55934	960.1	36.7	25.8	-254.0	458.1	65.5	0.0567	0.0296	0.0179	20.93	40.03	66.38	0.00	-1.09	-1.44	0.0
55935	1079.7	68.6	46.4	-311.0	614.7	209.6	0.0567	0.0462	0.0179	24.62	30.19	78.09	0.00	-1.15	-1.84	0.0
55936	1206.0	325.7	29.6	-451.1	1842.0	345.6	0.0567	0.0462	0.0179	45.21	55.46	143.43	0.00	-2.08	-4.04	0.0
55937	2761.5	736.6	650.1	507.4	-572.0	-335.0	0.0357	0.0357	0.0179	85.33	85.33	170.65	0.00	-2.30	-2.70	0.0
55938	3219.4	431.3	398.6	610.9	612.1	-438.3	0.0357	0.0357	0.0179	96.12	96.12	192.23	0.00	-2.58	-3.68	0.0
55939	3028.2	208.4	227.7	614.1	438.6	-301.0	0.0357	0.0192	0.0179	89.59	167.11	179.18	0.00	-2.69	-3.46	0.0
55940	2715.6	134.6	188.5	-690.1	392.1	-188.9	0.0357	0.0192	0.0179	82.65	154.16	165.30	0.00	-2.79	-3.03	0.0
55941	2393.5	113.7	144.1	-756.7	372.6	-140.4	0.0202	0.0192	0.0179	132.57	140.05	150.17	0.00	-2.60	-2.80	0.0
55942	2085.0	107.6	129.6	-781.7	366.8	-122.6	0.0202	0.0192	0.0179	119.63	126.38	135.52	0.00	-2.36	-2.59	0.0
55943	1797.5	104.6	124.9	-792.1	370.0	-117.4	0.0202	0.0192	0.0179	107.83	113.92	122.16	0.00	-2.13	-2.39	0.0
55944	1529.9	102.8	122.7	-799.7	377.6	-115.0	0.0202	0.0192	0.0179	97.36	102.86	110.29	0.00	-1.92	-2.23	0.0
55945	1283.4	101.5	120.9	-808.9	387.1	-113.2	0.0202	0.0192	0.0179	88.34	93.33	100.08	0.00	-1.75	-2.11	0.0
55946	1064.4	100.5	119.1	-821.2	397.3	-111.4	0.0202	0.0192	0.0179	81.02	85.59	91.78	0.00	-1.60	-2.03	0.0
55947	883.8	99.9	117.4	-837.3	407.7	-109.8	0.0202	0.0192	0.0179	75.66	79.93	85.71	0.00	-1.50	-2.00	0.0
55948	750.7	99.8	115.7	-857.5	418.2	-108.4	0.0202	0.0192	0.0179	72.38	76.47	82.00	0.00	-1.43	-2.00	0.0
55949	664.7	100.4	114.1	-883.0	428.7	-107.3	0.0202	0.0192	0.0179	71.01	75.02	80.44	0.00	-1.41	-2.03	0.0
55950	615.1	102.1	112.3	-915.3	439.7	-106.2	0.0202	0.0192	0.0179	71.13	75.15	80.58	0.00	-1.41	-2.08	0.0
55951	588.5	104.9	109.4	-956.8	452.3	-104.7	0.0202	0.0192	0.0179	72.41	76.50	82.03	0.00	-1.44	-2.16	0.0
55952	574.6	108.5	104.4	-1010.2	469.0	-101.7	0.0202	0.0192	0.0179	74.67	78.89	84.59	0.00	-1.48	-2.27	0.0
55953	567.4	111.0	95.9	-1076.7	495.2	-95.7	0.0202	0.0192	0.0179	77.84	82.23	88.17	0.00	-1.55	-2.40	0.0
55954	564.6	108.2	85.7	-1150.2	540.9	-88.3	0.0202	0.0192	0.0179	81.75	86.37	92.61	0.00	-1.63	-2.57	0.0
55955	566.0	97.8	77.8	-1206.2	620.3	106.8	0.0357	0.0192	0.0179	46.79	87.28	93.58	0.00	-1.50	-2.77	0.0
55956	576.7	109.0	65.9	-1176.4	748.4	290.5	0.0357	0.0192	0.0179	46.27	86.29	92.53	0.00	-1.31	-2.90	0.0
55957	581.0	198.5	87.4	-917.6	1105.0	602.8	0.0357	0.0357	0.0179	44.47	44.47	88.94	0.00	-0.84	-3.06	0.0
55958	481.5	356.6	67.7	-458.6	1021.1	592.6	0.0357	0.0357	0.0179	36.85	36.85	73.69	0.00	-0.59	-2.46	0.0
55959	2390.3	608.3	392.8	552.7	-350.4	-105.7	0.0357	0.0357	0.0179	72.97	72.97	145.94	0.00	-2.16	-2.28	0.0
55960	2845.9	307.1	33.8	399.6	372.4	-156.4	0.0357	0.0357	0.0179	82.48	82.48	164.96	0.00	-2.58	-3.07	0.0
55961	2889.0	141.1	17.3	339.8	154.0	-105.9	0.0357	0.0192	0.0179	82.17	153.27	164.34	0.00	-2.75	-3.01	0.0
55962	2687.4	88.5	-0.3	298.9	72.1	-63.0	0.0357	0.0192	0.0179	76.18	142.09	152.35	0.00	-2.62	-2.77	0.0
55963	2392.5	58.8	-0.3	-327.4	38.8	-49.9	0.0202	0.0192	0.0179	120.44	127.24	136.43	0.00	-2.39	-2.48	0.0
55964	2081.2	39.3	-2.9	-360.2	25.3	-45.7	0.0202	0.0192	0.0179	105.87	111.85	119.93	0.00	-2.11	-2.20	0.0
55965	1781.0	27.8	-3.3	-373.6	22.0	-44.2	0.0202	0.0192	0.0179	91.76	96.95	103.95	0.00	-1.84	-1.93	0.0
55966	1500.6	21.7	-3.3	-377.8	22.4	-43.2	0.0202	0.0192	0.0179	78.64	83.08	89.09	0.00	-1.58	-1.68	0.0
55967	1244.2	19.1	-3.1	-379.0	23.7	-42.1	0.0202	0.0192	0.0179	66.82	70.59	75.69	0.00	-1.34	-1.45	0.0
55968	1018.8	18.5	-2.9	-380.5	25.0	-41.0	0.0202	0.0192	0.0179	56.72	59.92	64.25	0.00	-1.14	-1.27	0.0
55969	835.4	19.4	-2.7	-384.3	25.8	-40.0	0.0202	0.0192	0.0179	48.87	51.63	55.36	0.00	-0.99	-1.13	0.0
55970	702.8	21.5	-2.6	-391.6	26.0	-39.1	0.0202	0.0192	0.0179	43.61	46.07	49.40	0.00	-0.88	-1.04	0.0
55971	620.1	24.9	-2.4	-403.0	25.5	-38.4	0.0202	0.0192	0.0179	40.77	43.07	46.18	0.00	-0.83	-1.01	0.0
55972	575.6	30.4	-2.1	-419.1	24.3	-37.9	0.0202	0.0192	0.0179	39.76	42.00	45.04	0.00	-0.81	-1.00	0.0
55973	555.4	38.9	-1.7	-439.9	22.8	-37.4	0.0202	0.0192	0.0179	39.97	42.22	45.27	0.00	-0.81	-1.02	0.0
55974	548.7	51.7	-0.7	-464.6	22.3	-36.9	0.0202	0.0192	0.0179	40.94	43.25	46.38	0.00	-0.83	-1.06	0.0
55975	548.7	69.6	1.3	-490.6	27.1	-35.9	0.0202	0.0192	0.0179	42.34	44.73	47.96	0.00	-0.86	-1.10	0.0
55976	551.0	92.1	7.9	-511.7	47.9	-34.1	0.0202	0.0192	0.0179	43.77	46.25	49.59	0.00	-0.88	-1.13	0.0
55977	552.3	112.1	6.4	-515.0	103.3	-32.4	0.0357	0.0192	0.0179	25.30	47.19	50.60	0.00	-0.91	-1.14	0.0
55978	547.8	131.9	57.1	-470.3	229.4	85.2	0.0357	0.0192	0.0179	24.65	45.98	49.30	0.00	-0.73	-1.17	0.0
55979	528.7	212.3	38.1	-354.3	597.5	211.8	0.0357	0.0357	0.0179	27.32	27.32	54.63	0.00	-0.62	-1.53	0.0
55980	533.4	363.3	114.2	-295.8	512.6	160.4	0.0357	0.0357	0.0179	25.95	25.95	51.90	0.00	-0.49	-1.28	0.0
55981	2261.0	626.7	419.2	608.1	-355.8	-40.9	0.0357	0.0357	0.0179	70.53	70.53	141.06	0.00	-2.05	-2.21	0.0
55982	2748.3	331.9	28.4	453.2	379.8	-33.9	0.0357	0.0357	0.0179	80.52	80.52	161.03	0.00	-2.60	-2.93	0.0
55983	2841.0	149.8	14.1	310.2	155.5	-19.4	0.0357	0.0192	0.0179	80.69	150.51	161.39	0.00	-2.76	-2.89	0.0
55984	2675.1	74.1	1.2	220.1	70.9	-15.9	0.0357	0.0192	0.0179	75.41	140.65	150.81	0.00	-2.63	-2.70	0.0
55985	2395.6	35.7	1.2	165.0	37.6	-18.8	0.0202	0.0192	0.0179	118.92	125.64	134.71	0.00	-2.37	-2.42	0.0
55986	2089.5	10.0	0.5	131.3	24.1	-20.5	0.0202	0.0192	0.0179	103.63	109.48	117.39	0.00	-2.08	-2.12	0.0
55987	1788.7	-7.2	0.7	108.2	20.7	-20.9	0.0202	0.0192	0.0179	88.68	93.69	100.46	0.00	-1.78	-1.83	0.0
55988	1505.0	-18.1	0.8	-101.0	21.0	-20.3	0.0202	0.0192	0.0179	74.68	78.90	84.60	0.00	-1.50	-1.55	0.0
55989	1245.0	-24.2	0.9	-92.2	22.2	-19.2	0.0202	0.0192	0.0179	61.85	65.34	70.06	0.00	-1.24	-1.29	0.0
55990	1017.1	-26.4	0.8	-82.9	23.4	-17.9	0.0202	0.0192	0.0179	50.59	53.44	57.31	0.00	-1.02	-1.06	0.0
55991	832.4	-25.3	0.8	-76.7	24.1	-16.7	0.0202	0.0192	0.0179	41.49	43.83	47.00	0.00	-0.83	-0.88	0.0
55992	700.3	-21.4	0.7	-75.7	24.2	-15.7	0.0202	0.0192	0.0179	35.02	37.00	39.67	0.00	-0.70	-0.74	0.0
55993	619.6	-14.6	0.6	-80.4	23.7	16.7	0.0202	0.0192	0.0179	31.14	32.89	35.27	0.00	-0.62	-0.67	0.0
55994	578.4	-4.6	0.6	-89.6	22.4	17.7	0.0202	0.0192	0.0179	29.27	30.92	33.15	0.00	-0.58	-0.62	0.0
55995	562.3	8.6	0.6	-101.0	20.8	18.3	0.0202	0.0192	0.0179	28.68	30.30	32.49	0.00	-0.56	-0.61	0.0
55996	560.0	25.1	0.8	-112.0	20.3	17.7	0.0202	0.0192	0.0179	28.79	30.42	32.62	0.00	-0.56	-0.60	0.0
55997	563.8	44.3	1.3	-120.0	25.2	15.2	0.0202	0.0192	0.0179	29.19	30.83	33.06	0.00	-0.56	-0.60	0.0
55998	568.1	65.4	4.7	124.8	46.2	-13.9	0.0202	0.0192	0.0179	29.65	31.33	33.59	0.00	-0.55	-0.61	0.0
55999	566.8	85.7	1.5	144.8	102.3	-16.2	0.0357	0.0192	0.0179	17.39	32.43	34.77	0.00	-0.55	-0.66	0.0
56000	549.4	124.7	45.8	175.9	232.2	-20.4	0.0357	0.0192	0.0179	19.15	35.72	38.30	0.00	-0.57	-0.77	0.0
56001	515.0	229.2	26.6	231.3	606.4	33.9	0.0357	0.0357	0.0179	27.53	27.53	55.05	0.00	-0.80	-1.38	0.0
56002	528.0	384.4	135.0	314.9	517.3	-50.1	0.0357	0.0357	0.0179	27.43	27.43	54.86	0.00	-0.62	-1.28	0.0
56003	2346.6	786.5	696.0	793.4	-524.4	217.3	0.0357	0.0357	0.0179	77.20	77.20	154.39	0.00	-1.82	-2.63	0.0
56004	2855.3	525.4	287.3	754.2	723.7	215.7	0.0357	0.0357	0.0179	91.47	91.47	182.93	0.00	-2.97	-3.17	0.0
56005	2853.8	295.3	95.2	669.3	503.1	142.3	0.0357	0.0192	0.0179	86.98	162.23	173.95	0.00	-2.98	-3.11	0.0
56006	2656.5	136.6	71.3	568.6	415.7	80.2	0.0202	0.0192	0.0179	140.45	148.38	159.10	0.00	-2.82	-2.84	0.0
56007	2384.0	35.1	50.6	480.1	371.1	53.1	0.0202	0.0192	0.0179	125.20	132.27	141.82	0.00	-2.53	-2.60	0.0
56008	2090.9	13.6	52.4	419.4	348.6	50.8	0.0202	0.0192	0.0179	110.11	116.33	124.73	0.00	-2.23	-2.30	0.0
56009	1800.6	1.3	55.5	383.4	340.6	53.1	0.0202	0.0192	0.0179	95.91	101.32	108.65	0.00	-1.95	-2.02	0.0
56010	1523.8	-9.1	57.5	365.8	340.5	54.7	0.0202	0.0192	0.0179	82.96	87.65	93.98	0.00	-1.69	-1.78	0.0
56011	1267.8	-17.3	58.9	360.9	344.8	55.9	0.0202	0.0192	0.0179	71.58	75.62	81.09	0.00	-1.47	-1.57	0.0
56012	1042.2	-22.5	60.1	364.2	351.4	57.1	0.0202	0.0192	0.0179	62.17	65.68	70.43	0.00	-1.28	-1.41	0.0
56013	859.2	-23.3	61.5	372.7	359.2	58.5	0.0202	0.0192	0.0179	55.17	58.29	62.50	0.00	-1.14	-1.31	0.0
56014	728.5	-17.8	63.1	384.8	367.9	60.3	0.0202	0.0192	0.0179	50.79	53.66	57.53	0.00	-1.06	-1.25	0.0
56015	649.4	-6.4	64.9	400.1	377.1	62.4	0.0202	0.0192	0.0179	48.74	51.50	55.22	0.00	-1.01	-1.24	0.0
56016	609.9	7.9	66.5	420.0	387.6	64.4	0.0202	0.0192	0.0179	48.44	51.18	54.88	0.00	-1.00	-1.26	0.0
56017	595.8	21.8	67.0	447.1	400.5	65.2	0.0202	0.0192	0.0179	49.37	52.16	55.93	0.00	-1.02	-1.30	0.0
56018	595.3	31.4	64.7	486.0	418.9	62.7	0.0202	0.0192	0.0179	51.27	54.17	58.08	0.00	-1.05	-1.37	0.0
56019	600.6	31.3	56.5	542.8	448.9	54.0	0.0202	0.0192	0.0179	54.14	57.20	61.33	0.00	-1.10	-1.50	0.0
56020	605.1	22.2	41.2	623.6	502.0	39.1	0.0202	0.0192	0.0179	58.33	61.63	66.08	0.00	-1.19	-1.69	0.0
56021	602.4	67.5	25.9	730.1	595.3	-67.4	0.0202	0.0192	0.0179	63.49	67.07	71.92	0.00	-1.18	-1.98	0.0
56022	582.8	146.7	16.4	838.3	753.6	-178.3	0.0357	0.0192	0.0179	39.87	74.37	79.75	0.00	-1.17	-2.36	0.0
56023	526.9	265.3	50.8	875.9	1134.5	-321.1	0.0357	0.0357	0.0179	46.16	46.16	92.32	0.00	-1.15	-2.95	0.0
56024	433.0	424.6	122.0	716.0	1012.9	-430.2	0.0357	0.0357	0.0179	39.26	39.26	78.51	0.00	-0.67	-2.56	0.0
56025	5694.6	1092.7	956.8	536.1	1145.5	264.6	0.0567	0.0462	0.0179	112.60	86.09	190.34	0.00	-3.01	-3.01	15.0
56026	4681.4	434.4	60.0	329.5	305.9	-269.4	0.0567	0.0462	0.0179	83.33	102.21	264.34	0.00	-4.15	-4.84	0.0
56027	3925.1	191.5	75.7	221.1	229.5	-161.7	0.0567	0.0296	0.0179	69.68	133.29	221.05	0.00	-3.65	-4.01	0.0
56028	3378.0	100.4	55.1	-243.2	169.8	-97.7	0.0567	0.0296	0.0179	60.06	114.89	190.53	0.00	-3.25	-3.43	0.0
56029	2966.9	68.3	43.5	-300.7	142.0	-64.5	0.0412	0.0296	0.0179	72.95	101.39	168.15	0.00	-2.92	-3.02	0.0
56030	2624.3	63.1	38.9	-333.2	134.3	-53.2	0.0412	0.0296	0.0179	64.92	90.23	149.64	0.00	-2.61	-2.68	0.0
56031	2316.4	63.3	37.8	-349.2	134.8	-49.7	0.0412	0.0296	0.0179	57.72	80.23	133.04	0.00	-2.33	-2.39	0.0
56032	2028.0	64.3	37.3	-357.0	138.4	-48.3	0.0412	0.0296	0.0179	51.00	70.89	117.56	0.00	-2.06	-2.11	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
56033	1757.8	65.7	36.8	-361.4	142.9	-47.5	0.0412	0.0296	0.0179	44.77	62.22	103.19	0.00	-1.81	-1.86	0.0
56034	1514.4	67.1	36.3	-364.9	147.5	-46.8	0.0412	0.0296	0.0179	39.23	54.53	90.44	0.00	-1.59	-1.64	0.0
56035	1311.6	68.3	35.9	-368.9	151.6	-46.3	0.0412	0.0296	0.0179	34.73	48.28	80.06	0.00	-1.41	-1.46	0.0
56036	1161.1	69.5	35.4	-373.7	155.1	-45.9	0.0412	0.0296	0.0179	31.50	43.78	72.60	0.00	-1.28	-1.34	0.0
56037	1063.1	70.5	35.0	-379.5	158.0	-45.7	0.0412	0.0296	0.0179	29.48	40.98	67.95	0.00	-1.20	-1.27	0.0
56038	1006.9	71.3	34.6	-385.7	160.3	-45.6	0.0412	0.0296	0.0179	28.39	39.47	65.45	0.00	-1.16	-1.24	0.0
56039	978.0	71.7	34.0	-391.4	162.3	-45.5	0.0412	0.0296	0.0179	27.89	38.77	64.29	0.00	-1.14	-1.23	0.0
56040	965.3	70.8	32.7	-394.8	165.5	-44.9	0.0412	0.0296	0.0179	27.70	38.49	63.84	0.00	-1.13	-1.22	0.0
56041	962.4	66.7	30.5	-392.2	173.8	-43.4	0.0412	0.0296	0.0179	27.63	38.41	63.70	0.00	-1.13	-1.22	0.0
56042	967.6	57.5	27.4	-378.2	195.6	-41.9	0.0412	0.0296	0.0179	27.66	38.45	63.76	0.00	-1.14	-1.23	0.0
56043	983.3	55.0	25.8	-350.7	250.8	55.3	0.0567	0.0296	0.0179	20.19	38.63	64.05	0.00	-1.05	-1.32	0.0
56044	1018.5	74.4	18.6	-329.1	371.8	177.1	0.0567	0.0296	0.0179	21.22	40.59	67.32	0.00	-0.98	-1.52	0.0
56045	1071.8	164.1	52.4	-393.7	511.5	367.7	0.0567	0.0462	0.0179	23.52	28.85	74.61	0.00	-0.85	-1.86	0.0
56046	1067.4	365.5	81.6	-565.0	1573.9	496.2	0.0567	0.0462	0.0179	39.49	48.44	125.28	0.00	-1.58	-3.62	0.0
56047	5444.1	1355.4	891.1	487.0	1018.6	170.4	0.0567	0.0462	0.0179	103.75	100.04	217.37	0.00	-3.35	-3.35	15.0
56048	4563.0	829.7	100.2	341.6	237.1	-205.9	0.0567	0.0462	0.0179	81.22	99.63	257.64	0.00	-3.74	-4.58	0.0
56049	3916.1	506.4	0.4	249.6	174.5	-130.8	0.0567	0.0296	0.0179	69.52	132.97	220.52	0.00	-3.41	-3.99	0.0
56050	3412.6	303.9	8.1	202.0	98.4	-88.7	0.0567	0.0296	0.0179	60.47	115.67	191.82	0.00	-3.11	-3.45	0.0
56051	3009.6	195.6	7.5	-227.3	61.6	-67.8	0.0412	0.0296	0.0179	73.54	102.21	169.50	0.00	-2.83	-3.04	0.0
56052	2660.6	146.0	7.5	-261.1	49.7	-61.8	0.0412	0.0296	0.0179	65.26	90.71	150.43	0.00	-2.55	-2.71	0.0
56053	2341.4	127.7	7.8	-277.5	47.0	-59.6	0.0412	0.0296	0.0179	57.70	80.20	132.99	0.00	-2.26	-2.40	0.0
56054	2042.8	121.0	7.8	-284.0	47.9	-58.2	0.0412	0.0296	0.0179	50.62	70.36	116.68	0.00	-1.98	-2.10	0.0
56055	1765.6	118.3	7.7	-285.7	49.8	-56.9	0.0412	0.0296	0.0179	44.07	61.26	101.59	0.00	-1.72	-1.84	0.0
56056	1518.4	117.2	7.6	-286.1	51.7	-55.5	0.0412	0.0296	0.0179	38.28	53.21	88.24	0.00	-1.49	-1.60	0.0
56057	1314.6	116.8	7.5	-286.9	53.3	-54.3	0.0412	0.0296	0.0179	33.57	46.66	77.37	0.00	-1.31	-1.40	0.0
56058	1165.1	116.7	7.3	-289.1	54.2	-53.2	0.0412	0.0296	0.0179	30.17	41.94	69.55	0.00	-1.18	-1.26	0.0
56059	1070.0	116.8	7.2	-292.8	54.6	-52.2	0.0412	0.0296	0.0179	28.08	39.02	64.71	0.00	-1.10	-1.18	0.0
56060	1018.1	117.1	7.1	-297.5	54.3	-51.4	0.0412	0.0296	0.0179	26.98	37.50	62.19	0.00	-1.06	-1.13	0.0
56061	995.2	117.3	6.9	-302.0	53.8	-50.6	0.0412	0.0296	0.0179	26.54	36.88	61.16	0.00	-1.05	-1.11	0.0
56062	990.0	116.7	6.7	-304.2	54.7	-49.4	0.0412	0.0296	0.0179	26.45	36.77	60.97	0.00	-1.05	-1.11	0.0
56063	995.6	116.8	6.5	-300.8	61.2	-47.1	0.0412	0.0296	0.0179	26.54	36.89	61.18	0.00	-1.05	-1.11	0.0
56064	1008.3	124.3	5.9	-288.9	82.7	-43.9	0.0412	0.0296	0.0179	26.75	37.18	61.66	0.00	-1.06	-1.11	0.0
56065	1027.7	146.1	6.1	-270.3	143.2	-42.5	0.0567	0.0296	0.0179	19.83	37.92	62.89	0.00	-1.05	-1.14	0.0
56066	1052.7	188.9	-2.6	-265.3	285.1	122.4	0.0567	0.0296	0.0179	20.79	39.76	65.94	0.00	-0.94	-1.36	0.0
56067	1064.6	278.9	180.0	-334.4	429.7	242.7	0.0567	0.0462	0.0179	22.77	27.93	72.24	0.00	-0.81	-1.54	0.0
56068	1021.7	432.3	127.2	-490.9	1320.7	309.7	0.0567	0.0462	0.0179	35.30	43.30	111.98	0.00	-1.40	-3.02	0.0
56069	5396.2	1428.3	919.9	456.5	1031.5	87.9	0.0567	0.0462	0.0179	105.95	67.33	179.75	0.00	-1.79	-2.80	15.0
56070	4502.3	947.9	97.6	349.9	254.0	-37.3	0.0567	0.0462	0.0179	80.26	98.45	254.61	0.00	-3.63	-4.47	0.0
56071	3880.9	626.1	-4.3	277.9	183.0	-25.4	0.0567	0.0296	0.0179	69.02	132.02	218.93	0.00	-3.31	-3.93	0.0
56072	3410.9	401.1	2.7	208.0	100.5	-19.3	0.0567	0.0296	0.0179	60.47	115.66	191.81	0.00	-3.04	-3.43	0.0
56073	3023.9	270.2	1.4	157.9	61.0	-19.8	0.0412	0.0296	0.0179	73.65	102.37	169.77	0.00	-2.77	-3.04	0.0
56074	2678.7	201.7	1.2	125.9	47.5	-22.5	0.0412	0.0296	0.0179	65.20	90.62	150.28	0.00	-2.49	-2.69	0.0
56075	2358.0	168.5	1.1	105.2	43.7	-23.6	0.0412	0.0296	0.0179	57.38	79.75	132.26	0.00	-2.20	-2.37	0.0
56076	2056.0	152.9	1.2	91.0	43.8	-23.3	0.0412	0.0296	0.0179	50.04	69.55	115.33	0.00	-1.91	-2.07	0.0
56077	1775.9	145.1	1.3	81.1	45.2	-22.3	0.0412	0.0296	0.0179	43.23	60.09	99.65	0.00	-1.64	-1.78	0.0
56078	1527.0	140.8	1.4	75.1	46.8	22.6	0.0412	0.0296	0.0179	37.20	51.71	85.75	0.00	-1.39	-1.54	0.0
56079	1322.8	138.2	1.5	73.5	48.0	23.8	0.0412	0.0296	0.0179	32.26	44.85	74.37	0.00	-1.19	-1.33	0.0
56080	1174.2	136.7	1.7	77.3	48.7	25.0	0.0412	0.0296	0.0179	28.69	39.88	66.14	0.00	-1.05	-1.19	0.0
56081	1081.1	135.7	1.9	86.3	48.8	26.2	0.0412	0.0296	0.0179	26.49	36.82	61.06	0.00	-0.96	-1.10	0.0
56082	1032.4	135.5	2.2	99.1	48.4	27.2	0.0412	0.0296	0.0179	25.38	35.28	58.51	0.00	-0.92	-1.05	0.0
56083	1013.7	136.2	2.5	114.5	47.8	27.6	0.0412	0.0296	0.0179	25.03	34.78	57.68	0.00	-0.91	-1.03	0.0
56084	1013.4	138.8	2.8	131.6	48.6	26.3	0.0412	0.0296	0.0179	25.13	34.93	57.93	0.00	-0.91	-1.04	0.0
56085	1023.5	146.3	3.4	150.4	55.4	22.2	0.0412	0.0296	0.0179	25.53	35.49	58.85	0.00	-0.93	-1.05	0.0
56086	1038.8	164.2	3.8	170.5	77.6	-18.0	0.0412	0.0296	0.0179	26.12	36.30	60.20	0.00	-0.94	-1.08	0.0
56087	1055.1	199.1	6.0	187.9	139.6	-26.4	0.0567	0.0296	0.0179	19.58	37.46	62.12	0.00	-0.93	-1.14	0.0
56088	1067.7	256.5	-0.2	188.7	287.0	-45.3	0.0567	0.0296	0.0179	20.68	39.56	65.60	0.00	-0.92	-1.27	0.0
56089	1067.3	348.0	185.7	-191.1	448.0	-46.9	0.0567	0.0462	0.0179	22.84	28.02	72.46	0.00	-0.98	-1.30	0.0
56090	1027.0	490.0	151.7	-304.0	1315.3	-71.7	0.0567	0.0462	0.0179	35.80	43.92	113.57	0.00	-1.58	-2.84	0.0
56091	5432.6	1319.7	1077.7	446.0	1184.5	147.9	0.0567	0.0462	0.0179	103.73	114.36	263.35	0.00	-4.02	-4.02	15.0
56092	4465.5	807.1	43.1	350.9	333.4	108.2	0.0567	0.0462	0.0179	79.81	97.90	253.18	0.00	-3.74	-4.52	0.0
56093	3852.0	553.8	42.1	298.8	247.6	99.4	0.0567	0.0296	0.0179	68.72	131.44	217.98	0.00	-3.36	-3.88	0.0
56094	3399.8	381.9	24.7	245.6	178.9	58.0	0.0412	0.0296	0.0179	83.25	115.71	191.89	0.00	-3.06	-3.42	0.0
56095	3024.8	274.1	18.6	199.0	145.7	38.5	0.0412	0.0296	0.0179	73.95	102.79	170.45	0.00	-2.78	-3.04	0.0
56096	2686.9	208.4	18.3	162.2	133.8	32.3	0.0412	0.0296	0.0179	65.65	91.24	151.31	0.00	-2.50	-2.70	0.0
56097	2369.6	169.8	19.1	134.8	130.7	32.7	0.0412	0.0296	0.0179	57.90	80.48	133.46	0.00	-2.22	-2.38	0.0
56098	2068.7	147.5	19.6	114.0	131.6	33.8	0.0412	0.0296	0.0179	50.59	70.31	116.61	0.00	-1.94	-2.08	0.0
56099	1788.4	134.5	20.0	97.4	134.0	34.5	0.0412	0.0296	0.0179	43.80	60.88	100.97	0.00	-1.67	-1.80	0.0
56100	1539.3	126.7	20.3	83.6	137.0	35.1	0.0412	0.0296	0.0179	37.79	52.53	87.11	0.00	-1.43	-1.56	0.0
56101	1335.3	121.6	20.6	73.5	140.1	35.6	0.0412	0.0296	0.0179	32.89	45.71	75.81	0.00	-1.23	-1.36	0.0
56102	1187.5	118.1	21.1	79.2	143.1	36.2	0.0412	0.0296	0.0179	29.40	40.86	67.77	0.00	-1.09	-1.21	0.0
56103	1096.0	115.7	21.5	100.8	145.8	36.8	0.0412	0.0296	0.0179	27.34	38.00	63.02	0.00	-1.02	-1.13	0.0
56104	1049.5	114.7	22.0	125.3	148.4	37.1	0.0412	0.0296	0.0179	26.40	36.70	60.86	0.00	-0.99	-1.09	0.0
56105	1033.6	115.9	22.2	151.5	151.3	36.7	0.0412	0.0296	0.0179	26.23	36.46	60.47	0.00	-0.99	-1.08	0.0
56106	1036.2	121.2	21.5	179.5	156.1	34.4	0.0412	0.0296	0.0179	26.56	36.91	61.21	0.00	-1.01	-1.10	0.0
56107	1048.7	134.0	19.3	209.6	166.6	29.4	0.0412	0.0296	0.0179	27.20	37.80	62.69	0.00	-1.03	-1.13	0.0
56108	1064.6	159.0	14.6	239.9	191.4	24.5	0.0412	0.0296	0.0179	28.07	39.02	64.70	0.00	-1.05	-1.18	0.0
56109	1077.4	202.7	11.8	262.1	250.0	-46.3	0.0412	0.0296	0.0179	29.00	40.30	66.84	0.00	-1.01	-1.28	0.0
56110	1080.0	271.6	5.5	257.9	377.9	-124.4	0.0567	0.0296	0.0179	21.97	42.02	69.69	0.00	-0.93	-1.45	0.0
56111	1069.4	377.6	55.8	206.9	538.9	-207.3	0.0567	0.0462	0.0179	23.20	28.46	73.60	0.00	-0.84	-1.60	0.0
56112	1042.8	534.7	161.4	-230.8	1538.4	-224.4	0.0567	0.0462	0.0179	39.89	48.93	126.54	0.00	-1.78	-3.26	0.0
56113	2417.5	692.0	1084.0	479.8	768.8	131.7	0.0357	0.0357	0.0179	80.54	80.54	161.08	0.00	-2.11	-2.33	0.0
56114	2995.7	491.4	688.3	392.3	1131.9	136.1	0.0357	0.0357	0.0179	98.34	98.34	196.68	0.00	-3.08	-3.29	0.0
56115	2873.0	306.8	323.6	337.5	947.3	117.2	0.0357	0.0192	0.0179	90.37	168.55	180.73	0.00	-2.97	-3.22	0.0
56116	2652.3	181.9	211.6	280.1	861.1	90.4	0.0202	0.0192	0.0179	146.04	154.29	165.44	0.00	-2.81	-3.02	0.0
56117	2387.4	87.2	141.0	233.8	806.3	77.2	0.0202	0.0192	0.0179	131.89	139.34	149.41	0.00	-2.61	-2.79	0.0
56118	2107.1	29.9	122.1	200.8	776.0	72.6	0.0202	0.0192	0.0179	118.23	124.91	133.94	0.00	-2.38	-2.54	0.0
56119	1827.3	13.6	121.4	178.8	764.2	71.9	0.0202	0.0192	0.0179	105.56	111.52	119.57	0.00	-2.14	-2.31	0.0
56120	1557.2	7.9	123.2	165.3	765.0	71.9	0.0202	0.0192	0.0179	94.13	99.45	106.63	0.00	-1.91	-2.11	0.0
56121	1304.9	3.1	124.5	158.1	773.8	71.8	0.0202	0.0192	0.0179	84.24	89.00	95.43	0.00	-1.72	-1.96	0.0
56122	1081.2	-0.4	125.5	155.9	787.7	71.3	0.0202	0.0192	0.0179	76.24	80.55	86.37	0.00	-1.56	-1.86	0.0
56123	899.1	-1.6	126.6	157.9	805.0	70.7	0.0202	0.0192	0.0179	70.45	74.43	79.80	0.00	-1.45	-1.81	0.0
56124	768.9	1.3	127.9	163.6	824.7	69.9	0.0202	0.0192	0.0179	66.96	70.74	75.85	0.00	-1.37	-1.79	0.0
56125	690.0	7.8	129.1	172.8	846.8	68.8	0.0202	0.0192	0.0179	65.51	69.21	74.21	0.00	-1.34	-1.81	0.0
56126	651.0	14.9	129.7	185.5	872.5	67.2	0.0202	0.0192	0.0179	65.60	69.30	74.31	0.00	-1.33	-1.85	0.0
56127	637.2	19.7	127.8	202.3	904.3	64.5	0.0202	0.0192	0.0179	66.79	70.56	75.66	0.00	-1.35	-1.92	0.0
56128	637.0	19.0	120.5	224.2	947.1	60.1	0.0202	0.0192	0.0179	68.85	72.74	78.00	0.00	-1.40	-2.01	0.0
56129	641.9	18.2	104.7	252.8	1009.1	53.5	0.0202	0.0192	0.0179	71.89	75.95	81.44	0.00	-1.46	-2.14	0.0
56130	645.1	42.4	85.9	290.2	1102.9	45.5	0.0202	0.0192	0.0179	76.43	80.75	86.58	0.00	-1.52	-2.34	0.0
56131	639.8	82.2	75.0	337.9	1244.1	-58.2	0.0202	0.0192	0.0179	82.31	86.96	93.24	0.00	-1.55	-2.65	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
56132	618.6	139.8	65.5	393.0	1442.5	-110.1	0.0357	0.0192	0.0179	51.57	96.19	103.14	0.00	-1.65	-3.05	0.0
56133	558.1	234.5	104.9	429.3	1820.6	-160.3	0.0357	0.0357	0.0179	61.28	61.28	122.56	0.00	-1.89	-3.78	0.0
56134	298.9	375.9	92.4	403.3	1630.6	-231.4	0.0357	0.0357	0.0179	51.55	51.55	103.10	0.00	-1.38	-3.38	0.0
56135	2382.0	724.1	1153.8	253.9	-762.6	-162.9	0.0357	0.0357	0.0179	78.07	78.07	156.13	0.00	-1.99	-2.12	0.0
56136	3013.2	534.9	788.1	290.2	1098.4	-153.8	0.0357	0.0357	0.0179	97.33	97.33	194.67	0.00	-2.78	-3.32	0.0
56137	2896.2	335.4	415.9	266.2	931.1	-78.0	0.0357	0.0192	0.0179	90.22	168.28	180.44	0.00	-2.82	-3.20	0.0
56138	2674.0	203.7	290.4	-267.0	862.2	-37.5	0.0202	0.0192	0.0179	147.12	155.43	166.66	0.00	-2.79	-2.98	0.0
56139	2407.4	104.0	204.7	-280.7	818.6	-33.5	0.0202	0.0192	0.0179	133.74	141.29	151.51	0.00	-2.61	-2.79	0.0
56140	2125.1	48.3	170.9	-285.3	794.9	-36.5	0.0202	0.0192	0.0179	120.55	127.36	136.56	0.00	-2.40	-2.58	0.0
56141	1843.4	28.2	160.9	-286.0	786.8	-39.3	0.0202	0.0192	0.0179	108.19	114.30	122.56	0.00	-2.17	-2.37	0.0
56142	1571.4	20.3	158.4	-285.3	789.4	-41.1	0.0202	0.0192	0.0179	97.00	102.48	109.89	0.00	-1.95	-2.19	0.0
56143	1317.5	15.6	157.3	-284.9	799.1	-42.4	0.0202	0.0192	0.0179	87.30	92.23	98.90	0.00	-1.76	-2.05	0.0
56144	1092.5	13.2	156.3	-286.0	813.4	-43.4	0.0202	0.0192	0.0179	79.45	83.94	90.00	0.00	-1.61	-1.96	0.0
56145	909.6	13.4	155.4	-289.3	830.9	-44.4	0.0202	0.0192	0.0179	73.77	77.93	83.56	0.00	-1.49	-1.91	0.0
56146	779.1	16.3	154.5	-295.2	851.0	-45.4	0.0202	0.0192	0.0179	70.37	74.34	79.71	0.00	-1.42	-1.90	0.0
56147	700.4	21.3	153.5	-304.2	873.7	-46.5	0.0202	0.0192	0.0179	69.00	72.89	78.16	0.00	-1.39	-1.93	0.0
56148	661.9	26.9	151.6	-316.3	900.1	-47.5	0.0202	0.0192	0.0179	69.16	73.07	78.35	0.00	-1.39	-1.97	0.0
56149	649.0	30.9	147.6	-332.1	932.6	-48.0	0.0202	0.0192	0.0179	70.43	74.41	79.79	0.00	-1.41	-2.04	0.0
56150	649.9	31.3	139.5	-351.7	975.7	-47.0	0.0202	0.0192	0.0179	72.58	76.68	82.23	0.00	-1.46	-2.13	0.0
56151	655.7	32.4	127.0	-375.9	1037.3	-42.8	0.0202	0.0192	0.0179	75.68	79.95	85.73	0.00	-1.52	-2.27	0.0
56152	659.7	52.4	114.9	-404.3	1128.6	-32.5	0.0202	0.0192	0.0179	80.11	84.64	90.75	0.00	-1.58	-2.46	0.0
56153	654.8	93.0	107.3	-433.0	1263.8	34.8	0.0202	0.0192	0.0179	85.74	90.58	97.12	0.00	-1.62	-2.73	0.0
56154	634.2	151.5	96.3	-451.3	1450.0	97.1	0.0357	0.0192	0.0179	52.82	98.52	105.64	0.00	-1.69	-3.10	0.0
56155	574.3	250.2	133.0	-417.8	1816.6	224.4	0.0357	0.0357	0.0179	61.49	61.49	122.97	0.00	-1.85	-3.78	0.0
56156	294.6	389.4	112.4	-279.6	1633.1	290.3	0.0357	0.0357	0.0179	51.45	51.45	102.90	0.00	-1.36	-3.36	0.0
56157	5470.1	1219.6	1218.6	388.3	1308.0	77.1	0.0567	0.0462	0.0179	111.16	70.43	197.47	0.00	-2.09	-3.09	15.0
56158	4438.3	656.3	95.3	301.7	386.7	37.3	0.0567	0.0462	0.0179	79.31	97.29	251.59	0.00	-3.86	-4.44	0.0
56159	3836.9	460.3	98.4	253.6	287.7	51.9	0.0567	0.0296	0.0179	68.41	130.85	217.00	0.00	-3.43	-3.80	0.0
56160	3391.3	333.5	54.3	209.2	234.9	40.0	0.0412	0.0296	0.0179	83.07	115.47	191.48	0.00	-3.10	-3.39	0.0
56161	3022.3	245.1	39.6	171.9	207.4	36.8	0.0412	0.0296	0.0179	73.98	102.82	170.51	0.00	-2.81	-3.03	0.0
56162	2689.6	181.9	34.6	142.9	197.4	36.7	0.0412	0.0296	0.0179	65.85	91.52	151.77	0.00	-2.53	-2.70	0.0
56163	2375.4	138.9	34.8	120.4	195.3	37.4	0.0412	0.0296	0.0179	58.22	80.92	134.19	0.00	-2.26	-2.39	0.0
56164	2076.0	111.1	35.3	102.2	196.9	38.0	0.0412	0.0296	0.0179	50.99	70.87	117.52	0.00	-1.99	-2.09	0.0
56165	1796.2	94.0	35.7	86.8	200.2	38.2	0.0412	0.0296	0.0179	44.26	61.52	102.02	0.00	-1.72	-1.82	0.0
56166	1547.2	83.7	35.9	74.4	204.3	38.2	0.0412	0.0296	0.0179	38.32	53.26	88.32	0.00	-1.49	-1.58	0.0
56167	1343.4	77.2	36.2	67.5	208.8	38.0	0.0412	0.0296	0.0179	33.50	46.56	77.21	0.00	-1.30	-1.39	0.0
56168	1196.1	73.2	36.4	70.6	213.4	37.6	0.0412	0.0296	0.0179	30.08	41.81	69.33	0.00	-1.16	-1.25	0.0
56169	1105.5	71.0	36.6	83.5	218.1	37.1	0.0412	0.0296	0.0179	28.05	38.99	64.66	0.00	-1.09	-1.17	0.0
56170	1060.4	70.9	36.7	101.2	223.0	36.3	0.0412	0.0296	0.0179	27.13	37.71	62.54	0.00	-1.05	-1.13	0.0
56171	1046.1	74.5	36.4	120.8	228.3	34.8	0.0412	0.0296	0.0179	26.96	37.47	62.14	0.00	-1.05	-1.12	0.0
56172	1050.3	84.0	34.8	141.1	235.7	32.3	0.0412	0.0296	0.0179	27.25	37.87	62.81	0.00	-1.06	-1.14	0.0
56173	1063.9	102.7	31.2	161.7	248.4	28.5	0.0412	0.0296	0.0179	27.83	38.68	64.14	0.00	-1.07	-1.17	0.0
56174	1079.9	134.9	26.5	182.2	273.7	23.3	0.0412	0.0296	0.0179	28.61	39.77	65.95	0.00	-1.07	-1.22	0.0
56175	1091.2	186.9	23.5	199.1	328.1	-25.5	0.0412	0.0296	0.0179	29.55	41.07	68.11	0.00	-1.04	-1.31	0.0
56176	1089.0	267.8	20.2	202.5	435.8	-50.5	0.0567	0.0296	0.0179	22.48	43.00	71.31	0.00	-1.00	-1.44	0.0
56177	1067.4	395.8	31.5	172.5	586.2	-71.2	0.0567	0.0462	0.0179	23.80	29.19	75.49	0.00	-0.94	-1.61	0.0
56178	1062.1	577.3	160.6	-244.7	1713.5	-79.8	0.0567	0.0462	0.0179	42.60	52.25	135.14	0.00	-1.87	-3.58	0.0
56179	5468.2	1235.0	1245.4	357.1	1326.2	113.7	0.0567	0.0462	0.0179	104.44	125.97	304.45	0.00	-4.62	-4.62	15.0
56180	4428.1	649.8	113.2	270.7	389.3	-79.9	0.0567	0.0462	0.0179	79.04	96.95	250.72	0.00	-3.83	-4.42	0.0
56181	3829.1	455.8	117.3	233.5	286.4	-37.1	0.0567	0.0296	0.0179	68.20	130.46	216.35	0.00	-3.42	-3.78	0.0
56182	3387.3	327.9	69.4	199.9	233.7	-19.8	0.0412	0.0296	0.0179	82.93	115.27	191.16	0.00	-3.10	-3.37	0.0
56183	3022.0	236.5	51.5	173.1	206.3	-19.2	0.0412	0.0296	0.0179	73.96	102.80	170.47	0.00	-2.82	-3.01	0.0
56184	2692.0	169.5	43.1	151.9	196.8	-22.5	0.0412	0.0296	0.0179	65.91	91.62	151.93	0.00	-2.55	-2.69	0.0
56185	2379.1	122.9	41.5	134.5	195.1	-24.9	0.0412	0.0296	0.0179	58.33	81.08	134.45	0.00	-2.28	-2.39	0.0
56186	2080.0	92.1	41.2	119.9	196.9	-26.5	0.0412	0.0296	0.0179	51.11	71.04	117.81	0.00	-2.00	-2.10	0.0
56187	1800.0	72.7	41.1	-110.9	200.4	-27.4	0.0412	0.0296	0.0179	44.42	61.74	102.38	0.00	-1.76	-1.82	0.0
56188	1550.7	61.0	41.0	-103.4	204.6	-28.0	0.0412	0.0296	0.0179	38.48	53.49	88.70	0.00	-1.53	-1.58	0.0
56189	1346.7	54.3	40.8	-99.1	209.2	-28.5	0.0412	0.0296	0.0179	33.68	46.81	77.62	0.00	-1.34	-1.38	0.0
56190	1199.7	50.8	40.7	-99.4	213.8	-28.8	0.0412	0.0296	0.0179	30.26	42.06	69.76	0.00	-1.20	-1.25	0.0
56191	1109.5	49.9	40.6	-104.2	218.4	-29.1	0.0412	0.0296	0.0179	28.23	39.24	65.07	0.00	-1.12	-1.17	0.0
56192	1065.1	52.0	40.3	-112.9	223.1	-29.3	0.0412	0.0296	0.0179	27.29	37.93	62.90	0.00	-1.08	-1.13	0.0
56193	1051.7	58.4	39.6	-123.8	228.2	-29.2	0.0412	0.0296	0.0179	27.09	37.65	62.45	0.00	-1.07	-1.13	0.0
56194	1056.6	71.2	37.9	-135.1	235.3	-28.4	0.0412	0.0296	0.0179	27.34	38.00	63.02	0.00	-1.07	-1.14	0.0
56195	1070.6	93.2	35.0	-145.1	247.5	-25.8	0.0412	0.0296	0.0179	27.85	38.71	64.19	0.00	-1.07	-1.17	0.0
56196	1086.5	128.7	32.0	-153.0	272.2	-19.4	0.0412	0.0296	0.0179	28.52	39.65	65.75	0.00	-1.07	-1.21	0.0
56197	1097.1	183.6	29.7	-160.4	326.5	19.9	0.0412	0.0296	0.0179	29.39	40.85	67.75	0.00	-1.03	-1.29	0.0
56198	1094.0	267.0	26.5	-173.8	435.2	58.3	0.0567	0.0296	0.0179	22.40	42.85	71.05	0.00	-0.99	-1.43	0.0
56199	1070.3	398.3	37.0	-212.3	588.0	129.2	0.0567	0.0462	0.0179	23.94	29.37	75.95	0.00	-0.92	-1.65	0.0
56200	1066.4	586.9	169.3	-302.0	1725.3	193.2	0.0567	0.0462	0.0179	42.49	52.11	134.77	0.00	-1.77	-3.64	0.0
56201	2245.7	919.4	786.2	341.2	-543.8	-323.9	0.0357	0.0357	0.0179	71.04	71.04	142.09	0.00	-1.62	-2.05	0.0
56202	2832.9	695.7	388.2	478.9	705.2	-369.2	0.0357	0.0192	0.0179	86.17	160.73	172.35	0.00	-2.14	-3.19	0.0
56203	2859.1	435.2	184.8	-541.1	492.1	-244.5	0.0357	0.0192	0.0179	85.97	160.34	171.93	0.00	-2.69	-3.05	0.0
56204	2676.9	249.9	146.8	-576.8	418.4	-144.0	0.0202	0.0192	0.0179	142.15	150.17	161.02	0.00	-2.73	-2.83	0.0
56205	2414.0	124.5	105.7	-577.7	383.7	-97.0	0.0202	0.0192	0.0179	129.11	136.40	146.26	0.00	-2.57	-2.63	0.0
56206	2124.4	67.1	95.1	-571.0	367.7	-81.5	0.0202	0.0192	0.0179	115.36	121.87	130.68	0.00	-2.30	-2.42	0.0
56207	1833.5	45.4	93.0	-565.1	363.6	-79.1	0.0202	0.0192	0.0179	102.09	107.85	115.65	0.00	-2.04	-2.19	0.0
56208	1553.7	33.8	92.8	-562.6	365.7	-78.9	0.0202	0.0192	0.0179	89.87	94.94	101.80	0.00	-1.80	-1.98	0.0
56209	1294.0	27.0	92.6	-564.0	371.0	-79.0	0.0202	0.0192	0.0179	79.12	83.59	89.63	0.00	-1.59	-1.81	0.0
56210	1065.1	24.3	92.2	-569.6	378.2	-79.0	0.0202	0.0192	0.0179	70.32	74.30	79.66	0.00	-1.41	-1.68	0.0
56211	880.0	25.6	91.8	-579.1	386.4	-79.1	0.0202	0.0192	0.0179	63.90	67.51	72.38	0.00	-1.29	-1.60	0.0
56212	749.0	30.8	91.4	-592.9	395.3	-79.4	0.0202	0.0192	0.0179	60.02	63.40	67.99	0.00	-1.21	-1.56	0.0
56213	671.0	39.0	90.8	-611.4	405.0	-79.8	0.0202	0.0192	0.0179	58.41	61.70	66.16	0.00	-1.18	-1.57	0.0
56214	634.0	48.6	89.8	-635.6	415.9	-79.9	0.0202	0.0192	0.0179	58.51	61.81	66.28	0.00	-1.18	-1.60	0.0
56215	622.9	56.9	87.5	-667.2	429.2	-79.0	0.0202	0.0192	0.0179	59.80	63.17	67.74	0.00	-1.20	-1.66	0.0
56216	625.7	60.7	82.6	-708.7	447.6	-75.6	0.0202	0.0192	0.0179	61.96	65.45	70.18	0.00	-1.24	-1.75	0.0
56217	633.2	59.7	73.7	-763.1	476.8	-67.9	0.0202	0.0192	0.0179	64.92	68.58	73.54	0.00	-1.30	-1.87	0.0
56218	638.4	72.4	62.9	-831.4	527.7	-59.1	0.0202	0.0192	0.0179	69.08	72.99	78.26	0.00	-1.39	-2.04	0.0
56219	634.2	122.6	56.1	-905.8	616.4	99.7	0.0202	0.0192	0.0179	72.22	76.30	81.81	0.00	-1.29	-2.28	0.0
56220	613.6	206.2	46.3	-948.9	766.9	259.5	0.0357	0.0192	0.0179	42.79	79.82	85.58	0.00	-1.16	-2.56	0.0
56221	556.2	332.3	78.9	-864.3	1143.7	497.1	0.0357	0.0192	0.0179	45.37	84.63	90.74	0.00	-0.90	-2.99	0.0
56222	435.3	484.1	159.1	-534.2	1039.6	557.7	0.0357	0.0357	0.0179	37.71	37.71	75.42	0.00	-0.50	-2.47	0.0
56223	2068.8	787.6	471.2	231.6	-370.6	-59.3	0.0357	0.0357	0.0179	61.30	61.30	122.61	0.00	-1.44	-1.80	0.0
56224	2613.5	486.2	27.6	248.8	416.7	-68.9	0.0357	0.0192	0.0179	75.65	141.10	151.29	0.00	-2.22	-2.76	0.0
56225	2768.0	284.3	15.4	239.4	169.8	-53.1	0.0357	0.0192	0.0179	78.35	146.14	156.70	0.00	-2.52	-2.81	0.0
56226	2652.3	143.2	-0.4	218.5	75.4	-30.6	0.0202	0.0192	0.0179	132.03	139.49	149.57	0.00	-2.54	-2.69	0.0
56227	2406.2	48.6	-0.3	194.7	39.0	-22.0	0.0202	0.0192	0.0179	119.67	126.43	135.56	0.00	-2.38	-2.44	0.0
56228	2116.4	13.7	-2.3	171.3	24.7	-21.3	0.0202	0.0192	0.0179	105.23	111.17	119.21	0.00	-2.11	-2.16	0.0
56229	1819.9	-6.3	-2.6	-150.2	21.7	-21.9	0.0202	0.0192	0.0179	90.51	95.62	102.53	0.00	-1.82	-1.86	0.0
56230	1533.9	-20.0	-2.6	-136.4	22.5	-22.4	0.0202	0.0192	0.0179	76.37	80.68	86.51	0.00	-1.54	-1.59	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
56231	1268.9	-29.2	-2.5	-124.9	24.2	-22.8	0.0202	0.0192	0.0179	63.29	66.87	71.70	0.00	-1.28	-1.33	0.0
56232	1036.0	-34.2	-2.4	-117.0	25.6	-23.0	0.0202	0.0192	0.0179	51.83	54.76	58.71	0.00	-1.04	-1.10	0.0
56233	848.2	-34.3	-2.3	-114.3	26.4	-23.1	0.0202	0.0192	0.0179	42.66	45.07	48.33	0.00	-0.86	-0.92	0.0
56234	716.3	-28.7	-2.2	-117.6	26.4	-23.2	0.0202	0.0192	0.0179	36.33	38.38	41.16	0.00	-0.73	-0.79	0.0
56235	638.8	-18.2	-2.0	-127.2	25.6	-23.3	0.0202	0.0192	0.0179	32.79	34.64	37.15	0.00	-0.66	-0.71	0.0
56236	603.1	-5.1	-1.8	-142.4	23.8	-23.4	0.0202	0.0192	0.0179	31.41	33.19	35.59	0.00	-0.63	-0.68	0.0
56237	593.4	8.1	-1.4	-162.3	21.5	-23.2	0.0202	0.0192	0.0179	31.44	33.21	35.61	0.00	-0.63	-0.68	0.0
56238	597.0	19.2	-0.5	-186.4	20.2	-22.3	0.0202	0.0192	0.0179	32.25	34.07	36.53	0.00	-0.65	-0.69	0.0
56239	604.6	27.2	1.0	-214.1	24.7	-20.0	0.0202	0.0192	0.0179	33.42	35.31	37.86	0.00	-0.67	-0.72	0.0
56240	608.6	38.2	6.5	-244.5	46.8	-15.7	0.0202	0.0192	0.0179	34.70	36.66	39.31	0.00	-0.70	-0.75	0.0
56241	601.7	93.8	4.1	-274.0	107.1	20.2	0.0202	0.0192	0.0179	36.18	38.22	40.99	0.00	-0.69	-0.81	0.0
56242	575.6	183.7	54.7	-288.3	248.4	57.5	0.0357	0.0192	0.0179	21.88	40.80	43.75	0.00	-0.60	-0.93	0.0
56243	533.9	305.6	28.8	-265.6	640.4	97.8	0.0357	0.0192	0.0179	28.27	52.72	56.53	0.00	-0.68	-1.49	0.0
56244	547.0	473.6	181.6	-192.9	567.6	113.1	0.0357	0.0357	0.0179	27.35	27.35	54.70	0.00	-0.47	-1.27	0.0
56245	2069.7	787.1	473.2	223.5	-368.7	54.1	0.0357	0.0357	0.0179	61.03	61.03	122.06	0.00	-1.40	-1.82	0.0
56246	2618.0	484.5	26.9	255.3	418.4	68.3	0.0357	0.0192	0.0179	75.95	141.67	151.91	0.00	-2.26	-2.76	0.0
56247	2772.2	282.8	15.1	269.7	170.1	52.3	0.0357	0.0192	0.0179	78.67	146.74	157.34	0.00	-2.55	-2.81	0.0
56248	2655.9	142.0	-0.4	275.6	75.4	30.5	0.0202	0.0192	0.0179	132.77	140.27	150.40	0.00	-2.57	-2.69	0.0
56249	2409.4	47.4	-0.2	268.8	38.9	21.6	0.0202	0.0192	0.0179	120.53	127.34	136.54	0.00	-2.41	-2.45	0.0
56250	2119.2	12.4	-2.0	257.2	24.6	20.6	0.0202	0.0192	0.0179	106.22	112.22	120.33	0.00	-2.14	-2.18	0.0
56251	1822.5	-7.6	-2.3	244.2	21.6	21.0	0.0202	0.0192	0.0179	91.62	96.79	103.78	0.00	-1.85	-1.90	0.0
56252	1536.4	-21.3	-2.3	231.6	22.5	21.4	0.0202	0.0192	0.0179	77.57	81.95	87.87	0.00	-1.57	-1.63	0.0
56253	1271.4	-30.4	-2.2	220.9	24.2	21.7	0.0202	0.0192	0.0179	64.63	68.27	73.21	0.00	-1.31	-1.38	0.0
56254	1038.3	-35.3	-2.1	213.7	25.6	21.9	0.0202	0.0192	0.0179	53.35	56.36	60.43	0.00	-1.08	-1.16	0.0
56255	850.6	-35.3	-2.0	211.4	26.4	22.1	0.0202	0.0192	0.0179	44.43	46.94	50.33	0.00	-0.90	-0.99	0.0
56256	718.7	-29.6	-1.8	215.0	26.5	22.4	0.0202	0.0192	0.0179	38.39	40.56	43.49	0.00	-0.78	-0.87	0.0
56257	641.2	-18.9	-1.7	224.8	25.6	22.6	0.0202	0.0192	0.0179	35.16	37.15	39.83	0.00	-0.71	-0.80	0.0
56258	605.5	-5.6	-1.5	240.1	23.9	22.8	0.0202	0.0192	0.0179	34.07	36.00	38.60	0.00	-0.69	-0.78	0.0
56259	595.8	7.8	-1.1	260.0	21.6	22.8	0.0202	0.0192	0.0179	34.35	36.29	38.91	0.00	-0.70	-0.79	0.0
56260	599.3	19.1	-0.3	284.0	20.4	22.2	0.0202	0.0192	0.0179	35.38	37.37	40.07	0.00	-0.72	-0.81	0.0
56261	606.8	27.4	1.3	311.4	24.9	20.1	0.0202	0.0192	0.0179	36.74	38.81	41.61	0.00	-0.74	-0.85	0.0
56262	610.8	38.8	6.6	341.5	47.0	16.4	0.0202	0.0192	0.0179	38.20	40.36	43.27	0.00	-0.77	-0.89	0.0
56263	603.8	94.8	4.2	370.7	107.4	-18.9	0.0202	0.0192	0.0179	39.92	42.18	45.22	0.00	-0.78	-0.94	0.0
56264	577.6	185.3	54.8	385.3	248.9	-54.9	0.0357	0.0192	0.0179	23.99	44.75	47.99	0.00	-0.70	-1.05	0.0
56265	535.7	306.8	28.1	364.0	640.6	-96.6	0.0357	0.0192	0.0179	29.61	55.23	59.22	0.00	-0.73	-1.57	0.0
56266	550.9	472.3	182.6	293.4	568.3	-104.9	0.0357	0.0357	0.0179	28.70	28.70	57.39	0.00	-0.53	-1.34	0.0
56267	2255.3	918.3	799.6	343.8	-528.1	323.4	0.0357	0.0357	0.0179	68.89	68.89	137.77	0.00	-1.28	-2.14	0.0
56268	2846.5	691.5	391.3	517.5	723.1	371.1	0.0357	0.0192	0.0179	89.17	166.32	178.34	0.00	-2.54	-3.10	0.0
56269	2871.1	432.0	185.6	633.6	506.0	244.7	0.0357	0.0192	0.0179	87.53	163.26	175.06	0.00	-2.80	-3.10	0.0
56270	2687.1	246.7	146.5	671.0	431.1	143.9	0.0202	0.0192	0.0179	144.88	153.06	164.12	0.00	-2.83	-2.89	0.0
56271	2422.9	120.9	104.0	673.9	396.1	96.0	0.0202	0.0192	0.0179	131.90	139.35	149.42	0.00	-2.63	-2.73	0.0
56272	2132.3	63.1	92.3	669.1	380.3	79.8	0.0202	0.0192	0.0179	118.29	124.97	134.00	0.00	-2.36	-2.54	0.0
56273	1840.6	41.2	89.6	664.8	376.6	76.9	0.0202	0.0192	0.0179	105.26	111.20	119.23	0.00	-2.10	-2.32	0.0
56274	1560.4	29.7	89.0	663.6	379.1	76.5	0.0202	0.0192	0.0179	93.31	98.58	105.70	0.00	-1.87	-2.12	0.0
56275	1300.5	23.1	88.7	666.0	384.7	76.5	0.0202	0.0192	0.0179	82.86	87.54	93.86	0.00	-1.66	-1.96	0.0
56276	1071.6	20.7	88.4	672.3	392.1	76.6	0.0202	0.0192	0.0179	74.34	78.53	84.21	0.00	-1.49	-1.84	0.0
56277	886.5	22.4	88.2	682.4	400.5	76.9	0.0202	0.0192	0.0179	68.14	71.98	77.19	0.00	-1.37	-1.77	0.0
56278	755.5	27.9	88.0	696.5	409.6	77.3	0.0202	0.0192	0.0179	64.42	68.05	72.97	0.00	-1.29	-1.75	0.0
56279	677.6	36.6	87.7	715.3	419.5	77.9	0.0202	0.0192	0.0179	62.92	66.47	71.28	0.00	-1.26	-1.76	0.0
56280	640.7	46.7	86.9	739.7	430.5	78.3	0.0202	0.0192	0.0179	63.10	66.67	71.48	0.00	-1.27	-1.79	0.0
56281	629.7	55.6	84.9	771.4	443.9	77.8	0.0202	0.0192	0.0179	64.46	68.10	73.02	0.00	-1.29	-1.85	0.0
56282	632.4	60.2	80.3	813.0	462.5	74.7	0.0202	0.0192	0.0179	66.68	70.45	75.54	0.00	-1.34	-1.94	0.0
56283	639.8	60.1	71.9	867.3	491.9	67.4	0.0202	0.0192	0.0179	69.69	73.63	78.95	0.00	-1.40	-2.06	0.0
56284	644.9	73.8	61.7	935.5	543.1	59.3	0.0202	0.0192	0.0179	73.92	78.09	83.74	0.00	-1.48	-2.23	0.0
56285	640.7	125.3	55.8	1010.1	632.4	-98.6	0.0202	0.0192	0.0179	77.16	81.52	87.41	0.00	-1.40	-2.47	0.0
56286	620.3	210.3	47.4	1053.9	783.8	-256.5	0.0357	0.0192	0.0179	45.63	85.12	91.27	0.00	-1.28	-2.74	0.0
56287	562.7	337.9	81.0	971.1	1160.1	-493.5	0.0357	0.0192	0.0179	47.71	89.00	95.43	0.00	-0.99	-3.15	0.0
56288	440.7	482.6	164.3	635.6	1051.3	-549.3	0.0357	0.0357	0.0179	38.77	38.77	77.54	0.00	-0.51	-2.56	0.0
56289	5427.8	1408.9	1149.9	339.0	1230.7	-185.5	0.0567	0.0462	0.0179	108.75	79.57	183.03	0.00	-2.13	-3.00	15.0
56290	4437.1	847.4	44.5	260.1	342.5	-204.6	0.0567	0.0296	0.0179	79.02	151.16	250.67	0.00	-3.59	-4.52	0.0
56291	3824.7	599.4	67.1	238.9	249.0	-138.0	0.0567	0.0296	0.0179	68.04	130.14	215.83	0.00	-3.23	-3.85	0.0
56292	3386.1	419.0	44.7	218.6	179.8	-80.2	0.0412	0.0296	0.0179	82.80	115.09	190.86	0.00	-2.99	-3.40	0.0
56293	3026.0	295.6	33.5	198.5	146.4	-51.2	0.0412	0.0296	0.0179	73.97	102.81	170.49	0.00	-2.75	-3.03	0.0
56294	2698.4	213.9	29.3	-188.1	135.3	-41.5	0.0412	0.0296	0.0179	66.02	91.76	152.17	0.00	-2.51	-2.70	0.0
56295	2385.9	162.8	28.7	-185.6	133.2	-40.0	0.0412	0.0296	0.0179	58.48	81.28	134.79	0.00	-2.26	-2.39	0.0
56296	2085.9	132.7	28.6	-179.8	134.8	-40.2	0.0412	0.0296	0.0179	51.25	71.24	118.14	0.00	-1.99	-2.10	0.0
56297	1804.7	115.7	28.5	-173.8	137.7	-40.4	0.0412	0.0296	0.0179	44.51	61.86	102.59	0.00	-1.73	-1.82	0.0
56298	1554.3	106.3	28.4	-169.6	141.0	-40.5	0.0412	0.0296	0.0179	38.53	53.56	88.82	0.00	-1.49	-1.58	0.0
56299	1349.7	101.0	28.3	-168.7	144.2	-40.5	0.0412	0.0296	0.0179	33.70	46.84	77.68	0.00	-1.30	-1.38	0.0
56300	1202.5	97.9	28.3	-171.9	147.1	-40.6	0.0412	0.0296	0.0179	30.28	42.09	69.80	0.00	-1.17	-1.24	0.0
56301	1112.8	96.4	28.2	-179.2	149.8	-40.7	0.0412	0.0296	0.0179	28.27	39.29	65.15	0.00	-1.10	-1.16	0.0
56302	1069.1	96.9	28.0	-190.3	152.1	-40.7	0.0412	0.0296	0.0179	27.37	38.04	63.08	0.00	-1.06	-1.12	0.0
56303	1056.5	100.9	27.5	-204.2	154.5	-40.3	0.0412	0.0296	0.0179	27.22	37.84	62.75	0.00	-1.06	-1.12	0.0
56304	1062.1	111.1	26.2	-219.3	158.6	-38.6	0.0412	0.0296	0.0179	27.53	38.27	63.47	0.00	-1.07	-1.13	0.0
56305	1076.3	131.2	23.9	-233.2	168.4	-35.0	0.0412	0.0296	0.0179	28.08	39.03	64.73	0.00	-1.08	-1.16	0.0
56306	1091.7	165.4	21.0	-242.9	192.7	-31.6	0.0412	0.0296	0.0179	28.74	39.95	66.25	0.00	-1.08	-1.20	0.0
56307	1101.4	218.6	19.9	-245.2	252.6	56.9	0.0412	0.0296	0.0179	29.37	40.82	67.70	0.00	-1.00	-1.29	0.0
56308	1099.2	295.5	13.7	-243.1	383.6	162.6	0.0567	0.0296	0.0179	22.18	42.42	70.34	0.00	-0.89	-1.47	0.0
56309	1083.6	408.2	42.1	-262.6	550.7	304.4	0.0567	0.0296	0.0179	23.60	45.15	74.88	0.00	-0.76	-1.72	0.0
56310	1058.5	580.1	189.5	-364.6	1570.3	364.3	0.0567	0.0462	0.0179	39.80	48.82	126.25	0.00	-1.53	-3.41	0.0
56311	5385.4	1625.1	1020.4	305.1	1092.1	-108.2	0.0567	0.0462	0.0179	105.93	67.17	172.47	0.00	-1.46	-2.70	15.0
56312	4451.8	1116.7	94.4	252.5	276.7	-112.5	0.0567	0.0296	0.0179	79.15	151.40	251.07	0.00	-3.37	-4.43	0.0
56313	3827.6	800.2	-3.6	238.2	192.9	-80.6	0.0567	0.0296	0.0179	68.00	130.08	215.71	0.00	-3.06	-3.88	0.0
56314	3388.2	547.7	4.1	219.8	105.0	-50.3	0.0412	0.0296	0.0179	82.73	114.99	190.69	0.00	-2.87	-3.41	0.0
56315	3032.2	377.5	3.4	198.7	63.0	-36.7	0.0412	0.0296	0.0179	73.99	102.85	170.56	0.00	-2.68	-3.05	0.0
56316	2706.2	272.9	3.3	176.9	49.5	-34.3	0.0412	0.0296	0.0179	66.02	91.76	152.18	0.00	-2.45	-2.72	0.0
56317	2393.1	212.7	3.4	155.6	46.4	-34.8	0.0412	0.0296	0.0179	58.38	81.14	134.57	0.00	-2.20	-2.41	0.0
56318	2091.8	180.0	3.4	135.6	47.3	-35.4	0.0412	0.0296	0.0179	51.03	70.93	117.63	0.00	-1.92	-2.11	0.0
56319	1809.1	162.9	3.5	117.9	49.3	-35.7	0.0412	0.0296	0.0179	44.15	61.36	101.76	0.00	-1.65	-1.83	0.0
56320	1557.5	153.9	3.5	103.8	51.1	-35.9	0.0412	0.0296	0.0179	38.03	52.86	87.66	0.00	-1.41	-1.57	0.0
56321	1352.1	148.9	3.5	94.9	52.4	-35.9	0.0412	0.0296	0.0179	33.05	45.93	76.17	0.00	-1.21	-1.37	0.0
56322	1204.7	146.3	3.6	92.8	53.1	-35.9	0.0412	0.0296	0.0179	29.49	40.99	67.97	0.00	-1.07	-1.22	0.0
56323	1115.1	145.1	3.7	97.4	53.0	-35.8	0.0412	0.0296	0.0179	27.36	38.02	63.06	0.00	-0.98	-1.14	0.0
56324	1072.0	145.6	3.7	107.0	52.1	-35.6	0.0412	0.0296	0.0179	26.37	36.65	60.78	0.00	-0.94	-1.10	0.0
56325	1060.0	149.1	3.8	119.8	50.9	-34.9	0.0412	0.0296	0.0179	26.16	36.35	60.29	0.00	-0.93	-1.09	0.0
56326	1066.1	158.6	3.8	134.1	51.1	-33.0	0.0412	0.0296	0.0179	26.40	36.69	60.85	0.00	-0.94	-1.10	0.0
56327	1080.3	178.4	4.0	-149.0	57.4	-29.2	0.0412	0.0296	0.0179	26.89	37.37	61.98	0.00	-0.95	-1.11	0.0
56328	1095.0	213.3	3.6	-168.1	80.5	-23.5	0.0412	0.0296	0.0179	27.48	38.20	63.35	0.00	-0.95	-1.14	0.0
56329	1103.9	267.5	4.6	-182.5	146.7	36.1	0.0412	0.0296	0.0179	28.11	39.08	64.80	0.00	-0.91	-1.19	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
56330	1104.0	341.4	-3.3	-192.4	301.8	91.0	0.0567	0.0296	0.0179	21.38	40.90	67.83	0.00	-0.86	-1.33	0.0
56331	1095.7	438.5	183.6	-205.9	479.4	158.0	0.0567	0.0296	0.0179	23.29	44.55	73.89	0.00	-0.81	-1.44	0.0
56332	1055.8	590.0	200.9	-265.1	1353.7	184.6	0.0567	0.0462	0.0179	36.26	44.47	115.01	0.00	-1.41	-2.91	0.0
56333	5396.3	1628.0	1025.9	309.0	1097.5	123.2	0.0567	0.0462	0.0179	103.51	104.25	213.37	0.00	-3.23	-3.23	15.0
56334	4457.7	1116.7	93.5	274.0	278.8	109.4	0.0567	0.0296	0.0179	79.35	151.79	251.72	0.00	-3.40	-4.43	0.0
56335	3831.1	800.1	-3.7	268.1	194.5	80.7	0.0567	0.0296	0.0179	68.17	130.41	216.26	0.00	-3.08	-3.88	0.0
56336	3390.8	547.7	4.0	264.3	106.2	50.1	0.0412	0.0296	0.0179	82.99	115.35	191.29	0.00	-2.89	-3.42	0.0
56337	3034.5	377.8	3.2	257.3	64.1	36.1	0.0412	0.0296	0.0179	74.30	103.27	171.25	0.00	-2.71	-3.06	0.0
56338	2708.4	273.4	3.1	245.9	50.7	33.3	0.0412	0.0296	0.0179	66.37	92.25	152.98	0.00	-2.48	-2.74	0.0
56339	2395.5	213.4	3.1	231.8	47.7	33.5	0.0412	0.0296	0.0179	58.77	81.68	135.46	0.00	-2.23	-2.42	0.0
56340	2094.2	180.8	3.1	217.2	48.7	33.9	0.0412	0.0296	0.0179	51.46	71.52	118.61	0.00	-1.96	-2.12	0.0
56341	1811.6	163.7	3.2	203.9	50.7	34.2	0.0412	0.0296	0.0179	44.62	62.02	102.84	0.00	-1.69	-1.84	0.0
56342	1560.0	154.6	3.2	194.0	52.6	34.4	0.0412	0.0296	0.0179	38.56	53.59	88.87	0.00	-1.45	-1.59	0.0
56343	1354.7	149.7	3.3	189.5	53.9	34.5	0.0412	0.0296	0.0179	33.65	46.77	77.56	0.00	-1.26	-1.39	0.0
56344	1207.2	146.9	3.3	192.0	54.6	34.6	0.0412	0.0296	0.0179	30.19	41.97	69.59	0.00	-1.13	-1.25	0.0
56345	1117.7	145.6	3.4	201.5	54.5	34.7	0.0412	0.0296	0.0179	28.18	39.17	64.96	0.00	-1.05	-1.17	0.0
56346	1074.6	146.0	3.5	216.7	53.7	34.6	0.0412	0.0296	0.0179	27.33	37.99	63.00	0.00	-1.02	-1.13	0.0
56347	1062.6	149.4	3.6	235.5	52.5	34.1	0.0412	0.0296	0.0179	27.26	37.88	62.83	0.00	-1.03	-1.13	0.0
56348	1068.5	158.8	3.7	256.3	52.7	32.6	0.0412	0.0296	0.0179	27.65	38.43	63.72	0.00	-1.04	-1.14	0.0
56349	1082.7	178.4	3.9	277.2	59.0	29.1	0.0412	0.0296	0.0179	28.27	39.29	65.16	0.00	-1.06	-1.17	0.0
56350	1097.1	213.0	3.6	296.0	82.2	24.0	0.0412	0.0296	0.0179	28.96	40.26	66.76	0.00	-1.07	-1.20	0.0
56351	1105.5	266.9	4.7	309.9	148.6	-34.8	0.0412	0.0296	0.0179	29.65	41.22	68.35	0.00	-1.03	-1.26	0.0
56352	1104.4	340.4	-3.1	318.5	303.9	-89.0	0.0567	0.0296	0.0179	22.44	42.93	71.19	0.00	-0.96	-1.42	0.0
56353	1094.7	437.0	183.9	329.5	481.6	-152.5	0.0567	0.0296	0.0179	24.15	46.19	76.60	0.00	-0.87	-1.52	0.0
56354	1053.6	586.6	201.4	391.7	1355.1	-198.3	0.0567	0.0462	0.0179	36.61	44.91	116.13	0.00	-1.41	-2.97	0.0
56355	5458.8	1415.0	1168.7	297.8	1246.8	202.4	0.0567	0.0462	0.0179	109.75	91.61	189.13	0.00	-2.86	-2.94	15.0
56356	4454.1	846.1	43.6	274.5	347.9	203.3	0.0567	0.0296	0.0179	79.45	151.98	252.03	0.00	-3.64	-4.53	0.0
56357	3834.8	598.5	67.7	275.0	253.3	138.9	0.0567	0.0296	0.0179	68.37	130.79	216.89	0.00	-3.28	-3.85	0.0
56358	3393.6	419.2	44.7	291.2	183.1	80.6	0.0412	0.0296	0.0179	83.32	115.81	192.06	0.00	-3.03	-3.41	0.0
56359	3032.6	296.7	33.2	303.9	149.3	51.3	0.0412	0.0296	0.0179	74.61	103.71	171.99	0.00	-2.81	-3.05	0.0
56360	2705.0	215.7	28.6	307.7	138.4	41.4	0.0412	0.0296	0.0179	66.75	92.78	153.87	0.00	-2.57	-2.73	0.0
56361	2392.7	165.1	27.9	305.1	136.4	39.8	0.0412	0.0296	0.0179	59.28	82.39	136.63	0.00	-2.31	-2.43	0.0
56362	2093.0	135.2	27.6	299.5	138.1	39.9	0.0412	0.0296	0.0179	52.13	72.45	120.15	0.00	-2.05	-2.13	0.0
56363	1812.0	118.3	27.5	293.8	141.2	40.1	0.0412	0.0296	0.0179	45.47	63.20	104.80	0.00	-1.80	-1.86	0.0
56364	1561.8	108.8	27.5	289.9	144.6	40.2	0.0412	0.0296	0.0179	39.60	55.04	91.28	0.00	-1.57	-1.62	0.0
56365	1357.3	103.3	27.4	289.3	147.8	40.3	0.0412	0.0296	0.0179	34.89	48.50	80.43	0.00	-1.40	-1.43	0.0
56366	1210.2	100.0	27.4	292.7	150.9	40.4	0.0412	0.0296	0.0179	31.60	43.92	72.84	0.00	-1.27	-1.29	0.0
56367	1120.5	98.2	27.4	300.3	153.6	40.6	0.0412	0.0296	0.0179	29.70	41.28	68.45	0.00	-1.21	-1.22	0.0
56368	1076.8	98.3	27.3	311.7	155.9	40.7	0.0412	0.0296	0.0179	28.89	40.15	66.58	0.00	-1.18	-1.19	0.0
56369	1064.1	101.9	26.8	325.8	158.5	40.3	0.0412	0.0296	0.0179	28.82	40.05	66.42	0.00	-1.18	-1.19	0.0
56370	1069.5	111.6	25.7	341.0	162.7	38.8	0.0412	0.0296	0.0179	29.18	40.56	67.26	0.00	-1.19	-1.21	0.0
56371	1083.3	131.2	23.5	355.0	172.6	35.4	0.0412	0.0296	0.0179	29.77	41.38	68.63	0.00	-1.20	-1.24	0.0
56372	1097.8	164.7	20.7	364.4	197.1	32.1	0.0412	0.0296	0.0179	30.46	42.33	70.20	0.00	-1.20	-1.28	0.0
56373	1106.1	216.8	19.9	366.2	257.3	-56.0	0.0412	0.0296	0.0179	31.01	43.11	71.49	0.00	-1.10	-1.39	0.0
56374	1101.2	292.4	14.1	363.2	388.8	-161.4	0.0567	0.0296	0.0179	23.22	44.41	73.64	0.00	-0.97	-1.57	0.0
56375	1081.3	402.8	42.5	381.0	556.3	-300.1	0.0567	0.0296	0.0179	24.41	46.70	77.44	0.00	-0.81	-1.81	0.0
56376	1053.5	570.0	190.6	486.5	1573.9	-378.2	0.0567	0.0462	0.0179	40.03	49.10	126.99	0.00	-1.51	-3.48	0.0
56377	2398.5	722.4	1184.4	-188.4	776.7	162.1	0.0357	0.0357	0.0179	77.83	77.83	155.66	0.00	-1.79	-2.25	0.0
56378	3033.7	532.2	801.6	228.0	1128.9	155.1	0.0357	0.0357	0.0179	98.74	98.74	197.48	0.00	-3.01	-3.21	0.0
56379	2913.8	332.7	421.3	306.9	955.8	79.1	0.0357	0.0192	0.0179	91.54	170.75	183.09	0.00	-2.97	-3.18	0.0
56380	2689.4	201.2	292.3	337.3	884.7	39.3	0.0202	0.0192	0.0179	149.16	157.58	168.97	0.00	-2.83	-3.04	0.0
56381	2420.9	101.6	203.9	352.1	840.2	35.7	0.0202	0.0192	0.0179	135.75	143.41	153.78	0.00	-2.66	-2.86	0.0
56382	2137.4	46.1	168.4	357.7	816.4	39.2	0.0202	0.0192	0.0179	122.60	129.52	138.88	0.00	-2.44	-2.65	0.0
56383	1854.7	26.3	157.5	359.1	808.6	42.3	0.0202	0.0192	0.0179	110.33	116.56	124.98	0.00	-2.22	-2.45	0.0
56384	1582.3	18.6	154.5	359.0	811.6	44.5	0.0202	0.0192	0.0179	99.25	104.86	112.43	0.00	-2.00	-2.27	0.0
56385	1328.2	14.1	153.3	359.1	821.7	45.9	0.0202	0.0192	0.0179	89.67	94.73	101.58	0.00	-1.81	-2.14	0.0
56386	1103.1	12.0	152.4	360.5	836.4	46.9	0.0202	0.0192	0.0179	81.91	86.54	92.79	0.00	-1.66	-2.05	0.0
56387	920.2	12.4	151.6	364.1	854.2	47.9	0.0202	0.0192	0.0179	76.31	80.62	86.45	0.00	-1.55	-2.01	0.0
56388	789.8	15.5	150.9	370.3	874.5	48.8	0.0202	0.0192	0.0179	72.97	77.09	82.66	0.00	-1.48	-2.00	0.0
56389	711.2	20.8	150.1	379.4	897.5	49.8	0.0202	0.0192	0.0179	71.64	75.69	81.16	0.00	-1.45	-2.02	0.0
56390	672.7	26.7	148.5	391.7	924.1	50.6	0.0202	0.0192	0.0179	71.85	75.90	81.39	0.00	-1.45	-2.07	0.0
56391	659.8	31.1	144.8	407.5	956.8	51.0	0.0202	0.0192	0.0179	73.15	77.28	82.87	0.00	-1.47	-2.14	0.0
56392	660.5	31.8	137.1	427.2	1000.3	49.7	0.0202	0.0192	0.0179	75.33	79.58	85.33	0.00	-1.51	-2.23	0.0
56393	666.1	33.5	125.1	451.2	1062.2	45.2	0.0202	0.0192	0.0179	78.44	82.87	88.86	0.00	-1.57	-2.37	0.0
56394	669.7	53.9	113.5	479.5	1154.0	34.4	0.0202	0.0192	0.0179	82.88	87.56	93.89	0.00	-1.64	-2.56	0.0
56395	664.4	94.9	106.5	508.2	1290.0	-33.5	0.0202	0.0192	0.0179	88.42	93.41	100.16	0.00	-1.67	-2.83	0.0
56396	643.7	153.4	96.4	526.8	1477.3	-95.8	0.0357	0.0192	0.0179	54.29	101.27	108.59	0.00	-1.73	-3.20	0.0
56397	584.2	251.3	134.4	496.0	1843.5	-222.7	0.0357	0.0357	0.0179	62.74	62.74	125.47	0.00	-1.89	-3.87	0.0
56398	302.3	386.2	118.9	356.1	1652.0	-283.7	0.0357	0.0357	0.0179	52.26	52.26	104.52	0.00	-1.38	-3.42	0.0
56399	2428.9	689.5	1122.1	-424.4	791.8	-141.4	0.0357	0.0357	0.0179	80.90	80.90	161.80	0.00	-2.13	-2.31	0.0
56400	3018.7	489.7	708.1	-334.8	1154.5	-141.1	0.0357	0.0357	0.0179	99.04	99.04	198.07	0.00	-3.09	-3.31	0.0
56401	2894.3	302.8	332.2	-280.9	963.2	-119.2	0.0357	0.0192	0.0179	90.85	169.46	181.71	0.00	-2.97	-3.24	0.0
56402	2671.1	178.1	216.5	-222.0	874.3	-89.8	0.0202	0.0192	0.0179	146.75	155.04	166.24	0.00	-2.81	-3.04	0.0
56403	2404.0	84.0	144.1	-174.0	817.8	-75.4	0.0202	0.0192	0.0179	132.50	139.99	150.10	0.00	-2.61	-2.81	0.0
56404	2122.4	27.5	124.9	-139.8	786.5	-69.9	0.0202	0.0192	0.0179	118.79	125.50	134.57	0.00	-2.39	-2.56	0.0
56405	1841.9	11.9	124.4	-117.0	774.2	-68.6	0.0202	0.0192	0.0179	106.08	112.07	120.17	0.00	-2.14	-2.32	0.0
56406	1571.5	6.7	126.4	-102.9	774.8	-68.4	0.0202	0.0192	0.0179	94.64	99.99	107.21	0.00	-1.91	-2.13	0.0
56407	1319.1	2.3	127.8	-95.4	783.7	-68.1	0.0202	0.0192	0.0179	84.74	89.52	95.99	0.00	-1.72	-1.98	0.0
56408	1095.4	-1.0	128.9	-93.1	797.7	-67.7	0.0202	0.0192	0.0179	76.72	81.05	86.91	0.00	-1.56	-1.87	0.0
56409	913.4	-1.8	129.9	-94.9	815.1	-67.1	0.0202	0.0192	0.0179	70.90	74.90	80.32	0.00	-1.45	-1.82	0.0
56410	783.3	1.3	131.1	-100.5	835.0	-66.5	0.0202	0.0192	0.0179	67.39	71.19	76.34	0.00	-1.37	-1.80	0.0
56411	704.5	7.9	132.3	-109.6	857.4	-65.6	0.0202	0.0192	0.0179	65.91	69.63	74.67	0.00	-1.34	-1.82	0.0
56412	665.4	15.3	132.7	-122.3	883.2	-64.2	0.0202	0.0192	0.0179	65.97	69.70	74.74	0.00	-1.33	-1.86	0.0
56413	651.5	20.5	130.7	-139.1	915.3	-61.7	0.0202	0.0192	0.0179	67.13	70.92	76.05	0.00	-1.35	-1.92	0.0
56414	651.1	20.2	123.2	-161.1	958.3	-57.6	0.0202	0.0192	0.0179	69.17	73.07	78.36	0.00	-1.40	-2.01	0.0
56415	655.5	19.8	107.0	-189.8	1020.6	-51.3	0.0202	0.0192	0.0179	72.16	76.24	81.75	0.00	-1.46	-2.14	0.0
56416	658.0	44.3	87.5	-227.4	1114.7	-43.8	0.0202	0.0192	0.0179	76.64	80.97	86.82	0.00	-1.52	-2.34	0.0
56417	651.8	84.0	75.4	-275.1	1256.3	59.4	0.0202	0.0192	0.0179	82.62	87.29	93.60	0.00	-1.56	-2.64	0.0
56418	630.0	140.5	64.0	-329.7	1455.0	111.5	0.0357	0.0192	0.0179	51.74	96.50	103.47	0.00	-1.66	-3.05	0.0
56419	571.8	230.4	100.4	-362.8	1832.6	162.3	0.0357	0.0357	0.0179	61.49	61.49	122.98	0.00	-1.91	-3.78	0.0
56420	319.1	370.0	97.0	-335.7	1641.6	239.1	0.0357	0.0357	0.0179	51.98	51.98	103.96	0.00	-1.41	-3.38	0.0
56421	5512.8	1241.9	1275.3	-239.7	1349.7	-99.4	0.0567	0.0462	0.0179	107.42	109.40	254.46	0.00	-3.83	-3.83	15.0
56422	4452.5	646.3	114.1	204.5	396.6	77.0	0.0567	0.0462	0.0179	79.37	97.36	251.79	0.00	-3.86	-4.43	0.0
56423	3844.0	453.8	119.2	212.6	292.0	37.1	0.0567	0.0296	0.0179	68.44	130.92	217.11	0.00	-3.44	-3.78	0.0
56424	3398.2	327.4	70.0	227.3	238.0	20.2	0.0412	0.0296	0.0179	83.31	115.79	192.02	0.00	-3.12	-3.38	0.0
56425	3031.6	237.2	51.5	238.3	210.2	20.1	0.0412	0.0296	0.0179	74.44	103.47	171.58	0.00	-2.85	-3.03	0.0
56426	2701.6	170.9	42.7	242.2	200.6	23.7	0.0412	0.0296	0.0179	66.50	92.44	153.29	0.00	-2.59	-2.71	0.0
56427	2389.1	124.8	40.9	239.4	199.0	26.4	0.0412	0.0296	0.0179	59.01	82.02	136.02	0.00	-2.33	-2.41	0.0
56428	2090.3	94.2	40.5	232.3	201.0	28.2	0.0412	0.0296	0.0179	51.87	72.09	119.55	0.00	-2.07	-2.12	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
56429	1810.7	74.8	40.4	223.8	204.6	29.2	0.0412	0.0296	0.0179	45.21	62.84	104.22	0.00	-1.82	-1.85	0.0
56430	1561.7	63.0	40.3	216.5	208.9	29.8	0.0412	0.0296	0.0179	39.34	54.68	90.67	0.00	-1.59	-1.61	0.0
56431	1358.0	56.1	40.2	212.5	213.5	30.2	0.0412	0.0296	0.0179	34.60	48.09	79.75	0.00	-1.40	-1.42	0.0
56432	1211.1	52.3	40.1	212.9	218.3	30.5	0.0412	0.0296	0.0179	31.26	43.45	72.06	0.00	-1.27	-1.29	0.0
56433	1121.1	51.1	40.0	218.0	223.0	30.7	0.0412	0.0296	0.0179	29.30	40.73	67.54	0.00	-1.19	-1.22	0.0
56434	1076.7	52.8	39.8	226.9	227.7	30.9	0.0412	0.0296	0.0179	28.43	39.51	65.53	0.00	-1.15	-1.19	0.0
56435	1063.1	58.9	39.1	237.9	233.0	30.7	0.0412	0.0296	0.0179	28.29	39.32	65.20	0.00	-1.15	-1.19	0.0
56436	1067.7	71.2	37.5	249.3	240.1	29.8	0.0412	0.0296	0.0179	28.58	39.72	65.88	0.00	-1.15	-1.21	0.0
56437	1081.1	92.6	34.6	259.3	252.5	27.0	0.0412	0.0296	0.0179	29.11	40.47	67.11	0.00	-1.15	-1.24	0.0
56438	1095.8	127.4	31.7	267.0	277.5	20.4	0.0412	0.0296	0.0179	29.79	41.41	68.67	0.00	-1.15	-1.28	0.0
56439	1104.5	181.2	29.5	274.0	332.2	-19.2	0.0412	0.0296	0.0179	30.61	42.55	70.56	0.00	-1.10	-1.36	0.0
56440	1098.0	262.9	26.5	287.0	441.4	-57.9	0.0567	0.0296	0.0179	23.23	44.43	73.68	0.00	-1.06	-1.51	0.0
56441	1068.8	390.8	36.6	324.9	595.2	-126.3	0.0567	0.0462	0.0179	24.72	30.32	78.41	0.00	-0.98	-1.73	0.0
56442	1061.2	572.1	170.8	419.0	1730.4	-206.3	0.0567	0.0462	0.0179	42.79	52.49	135.74	0.00	-1.78	-3.69	0.0
56443	5523.1	1230.2	1253.4	-274.6	1335.1	-67.0	0.0567	0.0462	0.0179	112.01	68.52	198.58	0.00	-1.97	-3.09	15.0
56444	4466.9	654.4	96.6	-190.3	394.9	-43.9	0.0567	0.0462	0.0179	79.59	97.62	252.46	0.00	-3.87	-4.45	0.0
56445	3854.6	459.3	101.0	169.8	293.4	-53.9	0.0567	0.0296	0.0179	68.53	131.09	217.40	0.00	-3.42	-3.82	0.0
56446	3404.4	333.2	55.3	179.3	239.1	-40.6	0.0412	0.0296	0.0179	83.30	115.77	192.00	0.00	-3.10	-3.40	0.0
56447	3033.9	245.2	40.2	181.5	211.1	-36.4	0.0412	0.0296	0.0179	74.28	103.25	171.22	0.00	-2.82	-3.05	0.0
56448	2701.1	182.0	35.1	177.5	200.9	-35.6	0.0412	0.0296	0.0179	66.22	92.05	152.64	0.00	-2.54	-2.72	0.0
56449	2387.3	139.0	35.3	167.8	198.8	-36.0	0.0412	0.0296	0.0179	58.64	81.51	135.18	0.00	-2.27	-2.42	0.0
56450	2088.4	111.2	35.9	153.7	200.5	-36.4	0.0412	0.0296	0.0179	51.44	71.49	118.56	0.00	-1.99	-2.13	0.0
56451	1809.1	93.9	36.3	137.0	203.8	-36.5	0.0412	0.0296	0.0179	44.72	62.16	103.08	0.00	-1.73	-1.86	0.0
56452	1560.5	83.4	36.5	120.5	208.0	-36.4	0.0412	0.0296	0.0179	38.77	53.89	89.36	0.00	-1.49	-1.62	0.0
56453	1357.1	76.8	36.8	108.0	212.6	-36.2	0.0412	0.0296	0.0179	33.94	47.18	78.23	0.00	-1.30	-1.42	0.0
56454	1210.1	72.5	37.0	105.1	217.3	-35.9	0.0412	0.0296	0.0179	30.51	42.41	70.33	0.00	-1.16	-1.29	0.0
56455	1119.6	70.1	37.2	111.9	222.1	-35.5	0.0412	0.0296	0.0179	28.48	39.58	65.64	0.00	-1.08	-1.21	0.0
56456	1074.5	69.8	37.3	123.4	227.0	-34.7	0.0412	0.0296	0.0179	27.53	38.27	63.46	0.00	-1.04	-1.18	0.0
56457	1060.1	73.1	36.9	136.0	232.5	-33.4	0.0412	0.0296	0.0179	27.32	37.97	62.98	0.00	-1.03	-1.17	0.0
56458	1063.9	82.4	35.3	148.0	239.9	-31.0	0.0412	0.0296	0.0179	27.56	38.30	63.52	0.00	-1.04	-1.19	0.0
56459	1076.8	100.8	31.6	159.1	252.7	-27.3	0.0412	0.0296	0.0179	28.06	39.00	64.67	0.00	-1.05	-1.21	0.0
56460	1091.6	132.6	26.8	170.9	278.2	-22.4	0.0412	0.0296	0.0179	28.75	39.96	66.27	0.00	-1.05	-1.25	0.0
56461	1100.8	183.8	23.5	187.7	333.0	26.3	0.0412	0.0296	0.0179	29.84	41.47	68.77	0.00	-1.08	-1.30	0.0
56462	1095.2	263.0	19.7	217.7	441.2	51.0	0.0567	0.0296	0.0179	22.94	43.88	72.77	0.00	-1.08	-1.44	0.0
56463	1068.4	387.1	29.8	274.9	593.9	74.3	0.0567	0.0462	0.0179	24.96	30.61	79.17	0.00	-1.10	-1.66	0.0
56464	1058.1	559.0	163.2	357.1	1719.7	67.8	0.0567	0.0462	0.0179	43.10	52.87	136.72	0.00	-1.92	-3.63	0.0
56465	2344.7	779.4	722.3	-735.7	-508.1	-232.9	0.0357	0.0357	0.0179	75.93	75.93	151.86	0.00	-1.74	-2.55	0.0
56466	2875.9	517.7	296.0	-694.1	739.6	-226.2	0.0357	0.0357	0.0179	91.38	91.38	182.76	0.00	-2.94	-3.17	0.0
56467	2878.9	285.2	98.8	-609.1	510.1	-147.8	0.0357	0.0192	0.0179	86.96	162.19	173.92	0.00	-2.95	-3.11	0.0
56468	2680.1	127.7	73.6	-506.1	419.9	-82.0	0.0202	0.0192	0.0179	140.42	148.34	159.07	0.00	-2.81	-2.84	0.0
56469	2405.1	28.4	52.4	-414.8	373.7	-54.0	0.0202	0.0192	0.0179	125.11	132.17	141.72	0.00	-2.54	-2.58	0.0
56470	2110.2	9.3	54.6	-352.0	350.4	-51.7	0.0202	0.0192	0.0179	109.92	116.13	124.52	0.00	-2.23	-2.27	0.0
56471	1818.9	-1.0	58.1	-314.5	342.0	-54.3	0.0202	0.0192	0.0179	95.60	101.00	108.30	0.00	-1.94	-1.99	0.0
56472	1541.6	-10.0	60.5	-296.0	341.7	-56.2	0.0202	0.0192	0.0179	82.52	87.18	93.48	0.00	-1.68	-1.74	0.0
56473	1285.6	-17.3	62.0	-290.5	345.8	-57.6	0.0202	0.0192	0.0179	70.96	74.97	80.39	0.00	-1.46	-1.52	0.0
56474	1060.1	-21.8	63.3	-293.5	352.5	-58.8	0.0202	0.0192	0.0179	61.36	64.82	69.50	0.00	-1.27	-1.35	0.0
56475	877.2	-22.2	64.7	-301.9	360.4	-60.3	0.0202	0.0192	0.0179	54.16	57.22	61.36	0.00	-1.13	-1.24	0.0
56476	746.7	-16.3	66.2	-313.8	369.1	-62.1	0.0202	0.0192	0.0179	49.61	52.42	56.20	0.00	-1.04	-1.17	0.0
56477	667.7	-4.5	68.0	-329.1	378.5	-64.2	0.0202	0.0192	0.0179	47.44	50.12	53.74	0.00	-0.99	-1.16	0.0
56478	628.3	10.3	69.5	-348.9	389.0	-66.2	0.0202	0.0192	0.0179	47.04	49.69	53.28	0.00	-0.98	-1.17	0.0
56479	614.1	24.7	69.9	-376.0	402.0	-67.0	0.0202	0.0192	0.0179	47.87	50.58	54.23	0.00	-0.99	-1.21	0.0
56480	613.5	35.0	67.4	-414.9	420.6	-64.5	0.0202	0.0192	0.0179	49.68	52.48	56.28	0.00	-1.02	-1.28	0.0
56481	618.3	35.5	58.9	-471.6	450.7	-55.6	0.0202	0.0192	0.0179	52.45	55.41	59.42	0.00	-1.07	-1.40	0.0
56482	622.3	26.6	43.0	-552.4	504.0	-40.3	0.0202	0.0192	0.0179	56.54	59.73	64.05	0.00	-1.15	-1.59	0.0
56483	619.0	71.3	26.8	-658.5	597.6	66.9	0.0202	0.0192	0.0179	61.55	65.03	69.73	0.00	-1.13	-1.89	0.0
56484	600.0	147.6	15.7	-765.4	756.7	180.1	0.0357	0.0192	0.0179	38.72	72.22	77.44	0.00	-1.12	-2.27	0.0
56485	549.8	258.1	45.4	-800.7	1137.7	324.4	0.0357	0.0357	0.0179	45.31	45.31	90.62	0.00	-1.13	-2.88	0.0
56486	470.6	415.0	132.2	-641.8	1022.5	439.5	0.0357	0.0357	0.0179	39.07	39.07	78.14	0.00	-0.67	-2.51	0.0
56487	2246.7	610.4	436.3	-550.0	-340.2	36.1	0.0357	0.0357	0.0179	69.10	69.10	138.20	0.00	-1.99	-2.13	0.0
56488	2766.0	313.7	26.4	-387.7	397.1	34.1	0.0357	0.0357	0.0179	80.53	80.53	161.06	0.00	-2.60	-2.93	0.0
56489	2870.0	134.4	13.0	-242.9	160.9	18.4	0.0357	0.0192	0.0179	81.14	151.34	162.27	0.00	-2.78	-2.90	0.0
56490	2704.4	62.1	1.0	-151.5	72.9	15.9	0.0357	0.0192	0.0179	75.96	141.67	151.91	0.00	-2.65	-2.72	0.0
56491	2422.3	27.0	0.8	153.8	38.3	18.8	0.0202	0.0192	0.0179	120.16	126.95	136.12	0.00	-2.41	-2.44	0.0
56492	2113.6	4.0	0.2	171.3	24.4	20.3	0.0202	0.0192	0.0179	105.10	111.03	119.06	0.00	-2.11	-2.15	0.0
56493	1811.2	-11.1	0.4	176.3	21.1	20.5	0.0202	0.0192	0.0179	90.31	95.41	102.30	0.00	-1.82	-1.87	0.0
56494	1526.8	-20.7	0.5	172.2	21.4	19.7	0.0202	0.0192	0.0179	76.36	80.68	86.51	0.00	-1.54	-1.59	0.0
56495	1266.6	-25.8	0.5	163.6	22.7	18.5	0.0202	0.0192	0.0179	63.59	67.18	72.04	0.00	-1.28	-1.34	0.0
56496	1038.7	-27.4	0.5	154.6	23.9	17.2	0.0202	0.0192	0.0179	52.42	55.38	59.38	0.00	-1.06	-1.11	0.0
56497	854.3	-25.9	0.4	148.5	24.6	15.9	0.0202	0.0192	0.0179	43.44	45.89	49.21	0.00	-0.88	-0.93	0.0
56498	722.4	-21.6	0.4	147.7	24.8	-16.4	0.0202	0.0192	0.0179	37.11	39.20	42.04	0.00	-0.74	-0.81	0.0
56499	642.0	-14.4	0.3	152.6	24.3	-17.6	0.0202	0.0192	0.0179	33.41	35.29	37.84	0.00	-0.67	-0.73	0.0
56500	601.0	-4.0	0.3	162.0	23.1	-18.6	0.0202	0.0192	0.0179	31.72	33.51	35.93	0.00	-0.63	-0.70	0.0
56501	585.0	9.8	0.3	173.7	21.5	-19.2	0.0202	0.0192	0.0179	31.30	33.07	35.46	0.00	-0.62	-0.68	0.0
56502	582.6	27.0	0.6	185.0	21.1	-18.7	0.0202	0.0192	0.0179	31.56	33.34	35.75	0.00	-0.63	-0.68	0.0
56503	586.3	46.9	1.1	193.3	26.1	-16.2	0.0202	0.0192	0.0179	32.06	33.87	36.31	0.00	-0.63	-0.68	0.0
56504	590.5	68.4	4.5	198.2	47.4	13.1	0.0202	0.0192	0.0179	32.64	34.49	36.98	0.00	-0.66	-0.66	0.0
56505	589.8	88.5	1.4	205.5	104.0	15.7	0.0357	0.0192	0.0179	19.00	35.43	37.99	0.00	-0.65	-0.70	0.0
56506	575.4	125.5	46.1	229.3	235.7	20.6	0.0357	0.0192	0.0179	20.85	38.88	41.69	0.00	-0.67	-0.82	0.0
56507	550.0	225.0	23.0	277.2	610.6	-34.5	0.0357	0.0357	0.0179	28.28	28.28	56.56	0.00	-0.79	-1.44	0.0
56508	582.3	376.0	154.2	320.1	531.7	53.9	0.0357	0.0357	0.0179	29.93	29.93	59.86	0.00	-0.79	-1.31	0.0
56509	2370.9	589.0	411.3	-496.5	-328.1	110.0	0.0357	0.0357	0.0179	71.49	71.49	142.99	0.00	-2.09	-2.20	0.0
56510	2865.7	288.8	30.1	-329.3	392.6	163.9	0.0357	0.0357	0.0179	82.64	82.64	165.28	0.00	-2.59	-3.09	0.0
56511	2921.0	126.2	15.2	-265.8	159.9	108.7	0.0357	0.0192	0.0179	82.63	154.13	165.27	0.00	-2.77	-3.03	0.0
56512	2720.3	77.1	-0.7	331.6	74.3	64.4	0.0357	0.0192	0.0179	77.32	144.21	154.64	0.00	-2.69	-2.81	0.0
56513	2422.8	50.1	-0.6	401.2	39.6	50.2	0.0202	0.0192	0.0179	122.97	129.92	139.31	0.00	-2.45	-2.54	0.0
56514	2109.2	32.7	-2.8	433.5	25.7	45.5	0.0202	0.0192	0.0179	108.50	114.62	122.91	0.00	-2.18	-2.27	0.0
56515	1807.6	22.7	-3.1	446.6	22.6	43.7	0.0202	0.0192	0.0179	94.52	99.86	107.07	0.00	-1.90	-2.01	0.0
56516	1526.6	17.8	-3.0	450.7	23.1	42.5	0.0202	0.0192	0.0179	81.58	86.18	92.41	0.00	-1.64	-1.77	0.0
56517	1270.1	15.9	-2.8	451.9	24.5	41.3	0.0202	0.0192	0.0179	69.98	73.93	79.28	0.00	-1.41	-1.55	0.0
56518	1044.9	15.9	-2.6	453.5	25.9	40.2	0.0202	0.0192	0.0179	60.14	63.53	68.12	0.00	-1.22	-1.38	0.0
56519	861.8	17.2	-2.5	457.6	26.8	39.1	0.0202	0.0192	0.0179	52.54	55.50	59.51	0.00	-1.06	-1.25	0.0
56520	729.6	19.6	-2.3	465.1	27.0	38.2	0.0202	0.0192	0.0179	47.49	50.17	53.80	0.00	-0.96	-1.17	0.0
56521	647.2	23.4	-2.1	476.8	26.6	37.5	0.0202	0.0192	0.0179	44.80	47.33	50.75	0.00	-0.91	-1.14	0.0
56522	603.1	29.3	-1.9	493.3	25.4	37.0	0.0202	0.0192	0.0179	43.89	46.37	49.72	0.00	-0.89	-1.14	0.0
56523	583.2	38.4	-1.4	514.5	23.9	36.5	0.0202	0.0192	0.0179	44.19	46.68	50.06	0.00	-0.90	-1.17	0.0
56524	576.8	51.8	-0.4	539.7	23.5	36.0	0.0202	0.0192	0.0179	45.25	47.80	51.26	0.00	-0.92	-1.20	0.0
56525	576.9	70.4	1.6	566.2	28.4	34.9	0.0202	0.0192	0.0179	46.72	49.36	52.92	0.00	-0.95	-1.24	0.0
56526	579.8	93.4	8.2	587.8	49.6	33.0	0.0202	0.0192	0.0179	48.23	50.95	54.63	0.00	-0.97	-1.28	0.0
56527	582.6	113.3	6.7	591.4	105.8	31.3	0.0357	0.0192	0.0179	27.85	51.94	55.70	0.00	-1.00	-1.29	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
56528	582.3	132.1	57.9	546.1	234.0	-86.5	0.0357	0.0192	0.0179	27.20	50.73	54.40	0.00	-0.83	-1.31	0.0
56529	572.6	208.4	33.6	426.7	602.3	-215.2	0.0357	0.0357	0.0179	29.22	29.22	58.43	0.00	-0.69	-1.63	0.0
56530	598.4	356.1	137.2	358.1	529.9	-163.3	0.0357	0.0357	0.0179	28.60	28.60	57.20	0.00	-0.58	-1.39	0.0
56531	2757.8	724.0	700.9	-438.9	-512.6	364.6	0.0357	0.0357	0.0179	83.78	83.78	167.56	0.00	-2.15	-2.65	0.0
56532	3249.1	426.5	417.8	-518.3	667.8	464.3	0.0357	0.0357	0.0179	96.65	96.65	193.29	0.00	-2.57	-3.70	0.0
56533	3063.3	203.0	236.6	617.4	477.8	312.2	0.0357	0.0192	0.0179	91.87	171.36	183.74	0.00	-2.97	-3.38	0.0
56534	2749.5	128.3	192.5	784.2	426.6	193.3	0.0357	0.0192	0.0179	85.09	158.70	170.17	0.00	-2.90	-3.15	0.0
56535	2425.1	107.1	144.0	848.1	404.9	141.2	0.0202	0.0192	0.0179	136.93	144.66	155.11	0.00	-2.70	-2.94	0.0
56536	2115.1	101.2	127.5	871.1	398.4	121.6	0.0202	0.0192	0.0179	124.08	131.09	140.56	0.00	-2.45	-2.74	0.0
56537	1826.8	98.7	121.8	880.5	401.6	115.6	0.0202	0.0192	0.0179	112.44	118.79	127.37	0.00	-2.23	-2.55	0.0
56538	1559.2	97.4	119.2	887.7	409.5	112.8	0.0202	0.0192	0.0179	102.15	107.92	115.72	0.00	-2.02	-2.40	0.0
56539	1313.0	96.5	117.3	897.0	419.3	110.9	0.0202	0.0192	0.0179	93.33	98.60	105.72	0.00	-1.85	-2.29	0.0
56540	1094.4	96.0	115.6	909.6	429.8	109.1	0.0202	0.0192	0.0179	86.16	91.03	97.60	0.00	-1.71	-2.22	0.0
56541	914.2	95.8	113.9	926.0	440.5	107.6	0.0202	0.0192	0.0179	80.92	85.49	91.67	0.00	-1.61	-2.19	0.0
56542	781.6	96.0	112.4	946.6	451.2	106.2	0.0202	0.0192	0.0179	77.73	82.11	88.05	0.00	-1.54	-2.19	0.0
56543	696.1	97.1	110.9	972.5	461.9	105.1	0.0202	0.0192	0.0179	76.41	80.72	86.55	0.00	-1.52	-2.22	0.0
56544	647.0	99.1	109.1	1005.3	473.0	104.1	0.0202	0.0192	0.0179	76.58	80.91	86.75	0.00	-1.52	-2.28	0.0
56545	620.9	102.4	106.4	1047.3	485.8	102.6	0.0202	0.0192	0.0179	77.92	82.32	88.27	0.00	-1.55	-2.36	0.0
56546	607.6	106.5	101.4	1101.4	502.8	99.5	0.0202	0.0192	0.0179	80.25	84.78	90.90	0.00	-1.60	-2.46	0.0
56547	601.3	109.5	92.9	1168.6	529.1	93.5	0.0202	0.0192	0.0179	83.48	88.19	94.57	0.00	-1.66	-2.60	0.0
56548	599.6	107.1	82.5	1242.8	575.3	85.8	0.0202	0.0192	0.0179	87.46	92.40	99.08	0.00	-1.75	-2.77	0.0
56549	603.1	96.7	74.3	1298.8	655.2	-110.1	0.0357	0.0192	0.0179	50.08	93.40	100.15	0.00	-1.62	-2.97	0.0
56550	618.0	107.1	61.8	1267.2	784.5	-295.0	0.0357	0.0192	0.0179	49.57	92.45	99.14	0.00	-1.43	-3.10	0.0
56551	631.1	194.7	79.9	1002.3	1138.9	-609.3	0.0357	0.0357	0.0179	47.37	47.37	94.74	0.00	-0.94	-3.23	0.0
56552	542.5	353.2	88.4	522.1	1055.8	-602.9	0.0357	0.0357	0.0179	39.07	39.07	78.13	0.00	-0.63	-2.58	0.0
56553	5496.8	1341.9	1114.8	-335.5	1213.5	-141.0	0.0567	0.0462	0.0179	106.64	102.54	226.13	0.00	-3.44	-3.44	15.0
56554	4500.1	815.2	41.2	-242.1	342.7	-118.0	0.0567	0.0462	0.0179	80.13	98.29	254.20	0.00	-3.73	-4.54	0.0
56555	3873.0	558.8	43.6	-191.0	253.2	-103.4	0.0567	0.0296	0.0179	68.81	131.63	218.29	0.00	-3.34	-3.89	0.0
56556	3415.5	384.4	25.2	169.3	181.9	-59.6	0.0412	0.0296	0.0179	83.37	115.87	192.16	0.00	-3.05	-3.43	0.0
56557	3039.1	275.2	19.0	168.6	147.8	-39.0	0.0412	0.0296	0.0179	74.19	103.12	171.01	0.00	-2.78	-3.05	0.0
56558	2701.1	208.7	18.8	159.0	135.5	-32.5	0.0412	0.0296	0.0179	65.97	91.70	152.07	0.00	-2.51	-2.71	0.0
56559	2384.4	169.7	19.7	143.8	132.3	-32.8	0.0412	0.0296	0.0179	58.28	81.00	134.33	0.00	-2.23	-2.40	0.0
56560	2084.2	147.1	20.3	124.7	133.2	-33.9	0.0412	0.0296	0.0179	50.99	70.87	117.52	0.00	-1.95	-2.10	0.0
56561	1804.6	134.0	20.7	103.3	135.7	-34.6	0.0412	0.0296	0.0179	44.20	61.44	101.88	0.00	-1.68	-1.82	0.0
56562	1556.1	125.9	21.1	80.9	138.7	-35.2	0.0412	0.0296	0.0179	38.18	53.06	87.99	0.00	-1.44	-1.58	0.0
56563	1352.5	120.6	21.4	60.2	141.9	-35.8	0.0412	0.0296	0.0179	33.26	46.22	76.66	0.00	-1.24	-1.38	0.0
56564	1205.1	116.9	21.8	54.6	144.9	-36.4	0.0412	0.0296	0.0179	29.73	41.33	68.53	0.00	-1.10	-1.24	0.0
56565	1113.8	114.3	22.3	64.2	147.7	-37.0	0.0412	0.0296	0.0179	27.60	38.36	63.61	0.00	-1.01	-1.15	0.0
56566	1067.4	113.0	22.7	76.1	150.4	-37.4	0.0412	0.0296	0.0179	26.55	36.90	61.19	0.00	-0.97	-1.11	0.0
56567	1051.4	114.0	22.9	88.1	153.3	-36.9	0.0412	0.0296	0.0179	26.23	36.46	60.47	0.00	-0.95	-1.10	0.0
56568	1053.7	119.1	22.2	99.9	158.1	-34.7	0.0412	0.0296	0.0179	26.37	36.66	60.79	0.00	-0.96	-1.11	0.0
56569	1065.5	131.6	19.9	112.2	168.8	-29.7	0.0412	0.0296	0.0179	26.79	37.24	61.76	0.00	-0.97	-1.13	0.0
56570	1080.1	156.1	15.1	-136.0	193.7	-24.6	0.0412	0.0296	0.0179	27.52	38.26	63.44	0.00	-1.00	-1.15	0.0
56571	1090.9	198.7	12.0	-158.1	252.7	46.5	0.0412	0.0296	0.0179	28.37	39.43	65.39	0.00	-0.97	-1.24	0.0
56572	1090.2	264.9	5.1	190.8	381.3	125.2	0.0567	0.0296	0.0179	22.22	42.49	70.47	0.00	-1.03	-1.39	0.0
56573	1074.6	365.1	53.7	255.0	546.4	211.2	0.0567	0.0462	0.0179	24.86	30.49	78.85	0.00	-1.12	-1.61	0.0
56574	1041.5	510.4	166.8	336.8	1544.4	213.5	0.0567	0.0462	0.0179	40.53	49.71	128.56	0.00	-1.87	-3.30	0.0
56575	5473.8	1463.2	960.7	-344.0	1064.0	-75.6	0.0567	0.0462	0.0179	107.11	67.25	177.78	0.00	-1.71	-2.75	15.0
56576	4543.2	966.9	90.7	-241.5	264.8	32.4	0.0567	0.0462	0.0179	80.69	98.98	255.97	0.00	-3.62	-4.50	0.0
56577	3904.8	637.7	-4.2	-171.9	188.9	24.3	0.0567	0.0296	0.0179	69.19	132.35	219.49	0.00	-3.29	-3.94	0.0
56578	3429.2	406.9	2.6	166.2	102.3	18.8	0.0567	0.0296	0.0179	60.70	116.11	192.55	0.00	-3.04	-3.44	0.0
56579	3041.2	273.0	1.3	181.4	61.4	19.5	0.0412	0.0296	0.0179	74.14	103.05	170.90	0.00	-2.79	-3.06	0.0
56580	2696.5	203.2	1.2	186.5	47.5	22.0	0.0412	0.0296	0.0179	65.81	91.48	151.70	0.00	-2.52	-2.71	0.0
56581	2376.7	169.6	1.3	184.0	43.6	22.8	0.0412	0.0296	0.0179	58.08	80.73	133.88	0.00	-2.24	-2.39	0.0
56582	2075.8	153.8	1.4	175.9	43.9	22.3	0.0412	0.0296	0.0179	50.80	70.61	117.10	0.00	-1.95	-2.09	0.0
56583	1796.5	145.9	1.5	165.0	45.3	-22.6	0.0412	0.0296	0.0179	44.03	61.20	101.49	0.00	-1.68	-1.82	0.0
56584	1548.4	141.4	1.6	154.1	46.9	-23.8	0.0412	0.0296	0.0179	38.02	52.85	87.64	0.00	-1.44	-1.57	0.0
56585	1344.8	138.7	1.7	145.9	48.1	-25.0	0.0412	0.0296	0.0179	33.10	46.01	76.30	0.00	-1.24	-1.37	0.0
56586	1196.7	136.9	1.9	142.3	48.9	-26.2	0.0412	0.0296	0.0179	29.55	41.07	68.10	0.00	-1.09	-1.23	0.0
56587	1103.9	135.7	2.1	143.5	49.1	-27.5	0.0412	0.0296	0.0179	27.35	38.01	63.03	0.00	-1.00	-1.14	0.0
56588	1055.4	135.2	2.4	148.0	48.7	-28.5	0.0412	0.0296	0.0179	26.23	36.45	60.45	0.00	-0.96	-1.09	0.0
56589	1036.8	135.7	2.7	153.8	48.1	-28.8	0.0412	0.0296	0.0179	25.83	35.90	59.54	0.00	-0.94	-1.07	0.0
56590	1036.3	138.0	3.0	159.0	49.0	-27.6	0.0412	0.0296	0.0179	25.86	35.95	59.61	0.00	-0.94	-1.07	0.0
56591	1045.8	145.1	3.6	163.4	55.9	-23.3	0.0412	0.0296	0.0179	26.14	36.34	60.26	0.00	-0.95	-1.08	0.0
56592	1060.1	162.1	3.9	169.7	78.4	16.9	0.0412	0.0296	0.0179	26.63	37.01	61.38	0.00	-0.97	-1.10	0.0
56593	1074.6	195.1	6.3	185.8	141.0	25.8	0.0567	0.0296	0.0179	19.94	38.14	63.26	0.00	-0.97	-1.14	0.0
56594	1084.0	248.4	-0.3	222.3	289.5	45.2	0.0567	0.0296	0.0179	21.34	40.82	67.70	0.00	-1.01	-1.28	0.0
56595	1078.0	332.1	184.0	291.4	456.0	48.9	0.0567	0.0462	0.0179	23.83	29.23	75.59	0.00	-1.08	-1.37	0.0
56596	1029.1	460.8	161.1	403.8	1321.1	-63.5	0.0567	0.0462	0.0179	35.98	44.14	114.14	0.00	-1.57	-2.90	0.0
56597	5534.6	1393.6	942.5	-370.5	1062.8	162.4	0.0567	0.0462	0.0179	108.11	67.24	168.50	0.00	-1.65	-2.73	15.0
56598	4606.7	849.0	91.6	-233.3	252.0	212.5	0.0567	0.0462	0.0179	81.73	100.26	259.27	0.00	-3.74	-4.62	0.0
56599	3941.0	519.1	1.0	188.6	183.9	135.8	0.0567	0.0296	0.0179	69.86	133.63	221.60	0.00	-3.42	-4.00	0.0
56600	3432.3	310.4	7.9	269.8	103.1	90.6	0.0567	0.0296	0.0179	61.01	116.71	193.54	0.00	-3.15	-3.48	0.0
56601	3029.1	199.1	7.3	327.0	64.8	68.3	0.0412	0.0296	0.0179	74.48	103.52	171.67	0.00	-2.89	-3.08	0.0
56602	2681.4	148.3	7.2	360.0	52.6	61.5	0.0412	0.0296	0.0179	66.34	92.21	152.91	0.00	-2.61	-2.75	0.0
56603	2363.8	129.8	7.5	376.1	49.9	58.8	0.0412	0.0296	0.0179	58.91	81.88	135.79	0.00	-2.33	-2.45	0.0
56604	2066.7	123.1	7.5	382.4	51.0	57.1	0.0412	0.0296	0.0179	51.97	72.24	119.79	0.00	-2.06	-2.16	0.0
56605	1790.7	120.4	7.4	384.3	53.1	55.7	0.0412	0.0296	0.0179	45.57	63.33	105.03	0.00	-1.81	-1.90	0.0
56606	1544.6	119.1	7.3	384.8	55.1	54.3	0.0412	0.0296	0.0179	39.92	55.49	92.02	0.00	-1.59	-1.67	0.0
56607	1341.5	118.5	7.2	385.9	56.7	53.0	0.0412	0.0296	0.0179	35.35	49.14	81.49	0.00	-1.42	-1.49	0.0
56608	1192.6	118.2	7.1	388.4	57.7	51.9	0.0412	0.0296	0.0179	32.09	44.61	73.98	0.00	-1.29	-1.36	0.0
56609	1097.9	118.1	6.9	392.3	58.1	51.0	0.0412	0.0296	0.0179	30.09	41.83	69.37	0.00	-1.22	-1.28	0.0
56610	1046.3	118.2	6.8	397.3	57.9	50.2	0.0412	0.0296	0.0179	29.07	40.40	67.00	0.00	-1.18	-1.24	0.0
56611	1023.6	118.1	6.7	402.1	57.5	49.3	0.0412	0.0296	0.0179	28.66	39.84	66.07	0.00	-1.17	-1.23	0.0
56612	1018.5	117.2	6.5	404.6	58.4	48.0	0.0412	0.0296	0.0179	28.59	39.74	65.91	0.00	-1.16	-1.23	0.0
56613	1023.8	116.7	6.3	401.6	65.1	45.8	0.0412	0.0296	0.0179	28.67	39.85	66.09	0.00	-1.17	-1.23	0.0
56614	1036.0	123.3	5.7	390.0	86.9	42.5	0.0412	0.0296	0.0179	28.83	40.08	66.46	0.00	-1.19	-1.21	0.0
56615	1054.0	143.1	6.1	371.4	148.1	-43.7	0.0567	0.0296	0.0179	21.15	40.47	67.11	0.00	-1.11	-1.29	0.0
56616	1075.6	182.2	-2.9	365.2	291.3	-124.5	0.0567	0.0296	0.0179	22.05	42.19	69.96	0.00	-1.03	-1.46	0.0
56617	1080.4	265.9	178.0	430.5	441.9	-244.8	0.0567	0.0462	0.0179	23.93	29.35	75.89	0.00	-0.89	-1.66	0.0
56618	1026.1	406.2	138.9	582.7	1329.1	-325.0	0.0567	0.0462	0.0179	35.93	44.07	113.97	0.00	-1.43	-3.11	0.0
56619	5792.5	1116.8	1028.9	-426.8	1211.0	238.8	0.0567	0.0462	0.0179	114.48	80.56	181.15	0.00	-2.32	-3.19	15.0
56620	4723.4	440.5	56.2	-234.8	329.3	283.7	0.0567	0.0462	0.0179	83.91	102.93	266.18	0.00	-4.17	-4.88	0.0
56621	3949.4	197.4	79.4	240.7	247.1	169.6	0.0567	0.0296	0.0179	70.23	134.35	222.79	0.00	-3.70	-4.02	0.0
56622	3398.2	104.2	56.1	327.4	183.0	101.0	0.0567	0.0296	0.0179	60.70	116.11	192.55	0.00	-3.30	-3.47	0.0
56623	2988.0	71.4	43.5	384.0	153.8	66.0	0.0412	0.0296	0.0179	73.95	102.78	170.45	0.00	-2.97	-3.06	0.0
56624	2647.7	66.2	38.3	415.8	145.9	53.9	0.0412	0.0296	0.0179	66.07	91.83	152.29	0.00	-2.67	-2.74	0.0
56625	2342.4	66.6	37.0	431.5	146.6	50.0	0.0412	0.0296	0.0179	59.02	82.03	136.04	0.00	-2.39	-2.45	0.0
56626	2056.0	67.9	36.3	439.2	150.5	48.5	0.0412	0.0296	0.0179	52.44	72.89	120.88	0.00	-2.13	-2.19	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
56627	1787.5	69.2	35.8	443.6	155.2	47.5	0.0412	0.0296	0.0179	46.35	64.42	106.83	0.00	-1.89	-1.95	0.0
56628	1545.3	70.5	35.3	447.4	159.9	46.8	0.0412	0.0296	0.0179	40.96	56.92	94.40	0.00	-1.67	-1.74	0.0
56629	1343.4	71.5	34.9	451.6	164.2	46.3	0.0412	0.0296	0.0179	36.58	50.85	84.33	0.00	-1.49	-1.58	0.0
56630	1193.4	72.4	34.5	456.7	167.9	45.8	0.0412	0.0296	0.0179	33.46	46.50	77.12	0.00	-1.36	-1.47	0.0
56631	1096.0	73.2	34.2	462.6	170.9	45.6	0.0412	0.0296	0.0179	31.52	43.82	72.66	0.00	-1.29	-1.41	0.0
56632	1040.2	73.8	33.8	469.0	173.2	45.5	0.0412	0.0296	0.0179	30.49	42.38	70.29	0.00	-1.24	-1.38	0.0
56633	1011.7	73.9	33.1	475.1	175.3	45.3	0.0412	0.0296	0.0179	30.03	41.74	69.21	0.00	-1.23	-1.37	0.0
56634	999.4	72.8	31.9	478.8	178.6	44.6	0.0412	0.0296	0.0179	29.86	41.50	68.82	0.00	-1.22	-1.37	0.0
56635	996.8	68.2	29.7	476.5	187.0	43.0	0.0412	0.0296	0.0179	29.80	41.42	68.69	0.00	-1.22	-1.37	0.0
56636	1002.0	58.4	26.5	462.7	209.1	41.1	0.0412	0.0296	0.0179	29.80	41.41	68.68	0.00	-1.23	-1.37	0.0
56637	1016.8	54.6	24.8	434.9	265.0	-56.5	0.0567	0.0296	0.0179	21.65	41.42	68.69	0.00	-1.14	-1.45	0.0
56638	1049.0	72.0	17.2	412.2	387.1	-179.3	0.0567	0.0296	0.0179	22.51	43.06	71.41	0.00	-1.05	-1.64	0.0
56639	1094.6	158.8	48.8	474.1	531.7	-371.7	0.0567	0.0462	0.0179	24.67	30.26	78.25	0.00	-0.92	-1.97	0.0
56640	1079.0	352.1	94.5	640.2	1586.6	-511.2	0.0567	0.0462	0.0179	40.11	49.20	127.23	0.00	-1.59	-3.70	0.0
56641	3271.9	584.4	1031.0	-462.0	845.0	170.6	0.0357	0.0357	0.0179	100.83	100.83	201.67	0.00	-2.64	-3.29	0.0
56642	3547.8	192.0	759.5	-308.5	1094.9	200.6	0.0357	0.0357	0.0179	110.23	110.23	220.46	0.00	-3.35	-3.97	0.0
56643	3066.8	77.4	430.4	414.7	925.4	63.4	0.0357	0.0192	0.0179	95.42	177.98	190.84	0.00	-3.24	-3.41	0.0
56644	2700.5	49.5	302.8	486.5	875.0	21.5	0.0357	0.0192	0.0179	85.58	159.63	171.17	0.00	-2.93	-3.19	0.0
56645	2375.8	38.9	211.4	516.4	850.6	-29.3	0.0202	0.0192	0.0179	136.07	143.75	154.14	0.00	-2.62	-3.01	0.0
56646	2088.0	37.4	174.9	522.0	847.1	-32.9	0.0202	0.0192	0.0179	123.58	130.56	139.99	0.00	-2.39	-2.82	0.0
56647	1822.3	36.6	162.7	524.0	857.2	-33.0	0.0202	0.0192	0.0179	112.84	119.21	127.83	0.00	-2.18	-2.66	0.0
56648	1571.9	36.2	158.4	526.9	874.9	-32.3	0.0202	0.0192	0.0179	103.46	109.31	117.21	0.00	-1.99	-2.53	0.0
56649	1336.8	35.9	156.0	532.4	896.1	32.1	0.0202	0.0192	0.0179	96.01	101.43	108.76	0.00	-1.90	-2.40	0.0
56650	1124.5	35.7	154.0	540.3	918.8	33.4	0.0202	0.0192	0.0179	89.41	94.46	101.29	0.00	-1.77	-2.34	0.0
56651	946.8	35.7	152.4	550.4	941.8	34.6	0.0202	0.0192	0.0179	84.50	89.27	95.73	0.00	-1.67	-2.32	0.0
56652	814.0	35.8	151.0	562.7	964.5	35.7	0.0202	0.0192	0.0179	81.41	86.00	92.22	0.00	-1.61	-2.33	0.0
56653	726.1	36.3	149.8	577.5	987.0	37.0	0.0202	0.0192	0.0179	79.95	84.47	90.57	0.00	-1.59	-2.36	0.0
56654	672.8	37.2	148.2	596.0	1010.1	38.5	0.0202	0.0192	0.0179	79.74	84.24	90.33	0.00	-1.58	-2.40	0.0
56655	641.2	38.7	145.1	619.8	1035.8	40.2	0.0202	0.0192	0.0179	80.44	84.98	91.13	0.00	-1.60	-2.46	0.0
56656	620.9	40.7	138.7	651.4	1068.5	42.4	0.0202	0.0192	0.0179	81.94	86.57	92.82	0.00	-1.63	-2.55	0.0
56657	606.4	42.1	127.8	692.5	1116.7	44.3	0.0202	0.0192	0.0179	84.43	89.19	95.64	0.00	-1.68	-2.67	0.0
56658	596.1	40.7	116.3	741.0	1194.3	41.8	0.0202	0.0192	0.0179	88.36	93.35	100.09	0.00	-1.76	-2.85	0.0
56659	593.7	34.4	108.3	778.9	1320.3	27.1	0.0357	0.0192	0.0179	53.30	99.41	106.59	0.00	-1.88	-3.10	0.0
56660	603.9	36.6	95.2	775.1	1505.0	-69.0	0.0357	0.0192	0.0179	56.89	106.11	113.78	0.00	-1.93	-3.44	0.0
56661	665.5	74.9	102.3	600.8	1903.7	-290.0	0.0357	0.0357	0.0179	65.49	65.49	130.97	0.00	-2.09	-4.09	0.0
56662	542.2	276.4	8.2	387.5	1836.7	-309.6	0.0357	0.0357	0.0179	59.75	59.75	119.50	0.00	-1.74	-3.84	0.0
56663	4386.9	505.1	1136.0	-847.7	1179.5	-67.6	0.0357	0.0357	0.0179	137.78	137.78	275.56	0.00	-4.09	-4.65	0.0
56664	3406.0	-6.7	540.5	80.1	1305.8	45.4	0.0567	0.0357	0.0283	69.04	109.50	138.07	0.00	-3.88	-3.93	0.0
56665	2909.7	38.8	158.8	114.3	1101.7	-55.5	0.0567	0.0192	0.0283	58.19	172.15	116.38	0.00	-3.23	-3.55	0.0
56666	2555.7	10.7	66.2	159.3	986.0	-73.6	0.0567	0.0192	0.0283	51.23	151.56	102.46	0.00	-2.85	-3.23	0.0
56667	2273.1	10.0	63.8	164.9	932.3	-69.5	0.0412	0.0192	0.0283	63.61	136.75	92.45	0.00	-2.57	-2.94	0.0
56668	2021.2	8.4	74.1	164.1	921.3	-64.7	0.0412	0.0192	0.0283	58.14	124.97	84.49	0.00	-2.35	-2.73	0.0
56669	1780.8	8.0	80.5	162.0	932.9	-61.8	0.0412	0.0192	0.0283	53.40	114.79	77.60	0.00	-2.16	-2.57	0.0
56670	1546.2	7.6	84.5	161.1	955.0	-60.0	0.0412	0.0192	0.0283	49.15	105.66	71.43	0.00	-1.99	-2.45	0.0
56671	1319.9	7.4	87.3	161.6	981.0	-58.6	0.0412	0.0192	0.0283	45.37	97.53	65.93	0.00	-1.83	-2.36	0.0
56672	1111.6	7.3	89.8	163.2	1007.6	-57.2	0.0412	0.0192	0.0283	42.17	90.66	61.29	0.00	-1.71	-2.30	0.0
56673	935.2	7.3	92.5	165.8	1033.1	-55.9	0.0412	0.0192	0.0283	39.73	85.40	57.73	0.00	-1.61	-2.27	0.0
56674	802.0	7.4	95.7	169.3	1056.5	-54.5	0.0412	0.0192	0.0283	38.11	81.92	55.38	0.00	-1.54	-2.26	0.0
56675	712.6	7.6	99.5	173.7	1077.3	-53.0	0.0412	0.0192	0.0283	37.23	80.03	54.10	0.00	-1.50	-2.28	0.0
56676	656.6	7.9	103.6	179.6	1095.9	-51.1	0.0412	0.0192	0.0283	36.86	79.24	53.57	0.00	-1.49	-2.30	0.0
56677	620.4	8.5	107.5	187.6	1114.1	-48.5	0.0412	0.0192	0.0283	36.81	79.12	53.49	0.00	-1.49	-2.33	0.0
56678	593.5	9.2	109.1	199.0	1137.0	-44.6	0.0412	0.0192	0.0283	37.01	79.55	53.78	0.00	-1.50	-2.37	0.0
56679	569.7	9.9	103.6	214.5	1176.3	-39.3	0.0412	0.0192	0.0283	37.60	80.82	54.64	0.00	-1.52	-2.44	0.0
56680	547.5	9.8	80.4	233.1	1254.8	45.6	0.0412	0.0192	0.0283	39.26	84.40	57.06	0.00	-1.62	-2.59	0.0
56681	529.9	7.7	31.8	247.5	1411.0	61.1	0.0567	0.0192	0.0283	30.76	91.00	61.52	0.00	-1.76	-2.91	0.0
56682	529.9	19.1	14.0	229.0	1696.2	60.3	0.0567	0.0192	0.0283	35.46	104.91	70.93	0.00	-2.01	-3.46	0.0
56683	565.0	-1.5	16.7	181.1	2201.7	-75.4	0.0567	0.0357	0.0283	44.32	70.29	88.63	0.00	-2.50	-4.46	0.0
56684	975.1	243.1	-0.1	422.2	2368.0	122.5	0.0357	0.0357	0.0179	82.96	82.96	165.93	0.00	-2.77	-4.91	0.0
56685	6264.1	870.4	1078.8	-501.4	1344.5	-171.5	0.0567	0.0462	0.0179	119.73	113.82	283.86	0.00	-4.45	-4.45	15.0
56686	4866.1	95.9	125.1	-184.6	424.8	152.1	0.0567	0.0462	0.0179	86.60	106.23	274.73	0.00	-4.65	-4.99	0.0
56687	3911.1	17.8	115.6	210.3	321.1	45.2	0.0567	0.0296	0.0179	69.67	133.26	221.00	0.00	-3.85	-3.95	0.0
56688	3343.0	15.7	69.9	249.0	263.6	24.6	0.0567	0.0296	0.0179	59.67	114.13	189.27	0.00	-3.33	-3.39	0.0
56689	2934.1	15.1	49.2	284.4	237.8	26.3	0.0412	0.0296	0.0179	72.37	100.58	166.80	0.00	-2.95	-2.99	0.0
56690	2610.5	17.4	40.4	301.8	232.6	30.1	0.0412	0.0296	0.0179	64.72	89.95	149.18	0.00	-2.65	-2.68	0.0
56691	2321.8	19.9	38.1	310.7	236.1	32.9	0.0412	0.0296	0.0179	57.95	80.54	133.57	0.00	-2.37	-2.41	0.0
56692	2048.3	22.2	37.3	315.4	242.8	34.9	0.0412	0.0296	0.0179	51.59	71.70	118.91	0.00	-2.12	-2.15	0.0
56693	1787.8	24.2	36.8	318.6	250.4	36.3	0.0412	0.0296	0.0179	45.60	63.37	105.10	0.00	-1.87	-1.91	0.0
56694	1549.5	25.7	36.5	321.7	257.7	37.2	0.0412	0.0296	0.0179	40.21	55.88	92.68	0.00	-1.66	-1.70	0.0
56695	1348.5	27.0	36.2	325.0	264.4	37.9	0.0412	0.0296	0.0179	35.77	49.71	82.44	0.00	-1.48	-1.53	0.0
56696	1197.5	28.0	36.1	328.8	270.2	38.5	0.0412	0.0296	0.0179	32.53	45.21	74.97	0.00	-1.34	-1.42	0.0
56697	1097.4	28.9	36.0	332.8	274.9	38.9	0.0412	0.0296	0.0179	30.46	42.33	70.20	0.00	-1.26	-1.34	0.0
56698	1037.5	29.6	36.0	336.7	278.4	39.3	0.0412	0.0296	0.0179	29.27	40.68	67.46	0.00	-1.21	-1.30	0.0
56699	1003.1	30.1	35.7	340.1	281.2	39.3	0.0412	0.0296	0.0179	28.62	39.78	65.96	0.00	-1.18	-1.28	0.0
56700	983.1	30.7	34.8	341.9	284.6	38.9	0.0412	0.0296	0.0179	28.26	39.28	65.13	0.00	-1.17	-1.28	0.0
56701	971.2	31.4	32.7	339.8	292.6	37.0	0.0412	0.0296	0.0179	28.06	39.01	64.69	0.00	-1.16	-1.27	0.0
56702	965.9	33.0	30.2	331.1	314.4	31.6	0.0412	0.0296	0.0179	28.08	39.02	64.71	0.00	-1.16	-1.28	0.0
56703	972.1	33.2	29.3	311.6	370.1	18.3	0.0567	0.0296	0.0179	20.80	39.79	65.98	0.00	-1.17	-1.34	0.0
56704	997.5	37.4	24.2	308.8	483.9	-65.5	0.0567	0.0296	0.0179	22.12	42.31	70.16	0.00	-1.16	-1.54	0.0
56705	1111.8	68.5	42.0	365.7	644.0	-211.7	0.0567	0.0462	0.0179	25.72	31.55	81.59	0.00	-1.21	-1.95	0.0
56706	1233.6	325.6	46.4	504.8	1858.4	-354.6	0.0567	0.0462	0.0179	46.02	56.44	145.97	0.00	-2.11	-4.11	0.0
56707	7548.6	690.3	1196.3	-879.3	1555.8	-77.3	0.0567	0.0462	0.0179	150.62	117.62	233.64	0.00	-3.73	-4.99	15.0
56708	4784.1	34.7	56.3	142.1	534.9	69.4	0.0567	0.0462	0.0179	85.52	104.90	271.28	0.00	-4.78	-4.89	0.0
56709	3870.7	14.3	67.9	69.2	404.9	-26.7	0.0567	0.0296	0.0179	69.05	132.08	219.03	0.00	-3.86	-3.93	0.0
56710	3271.0	5.8	22.7	97.1	310.6	-24.3	0.0567	0.0296	0.0179	58.26	111.45	184.82	0.00	-3.27	-3.34	0.0
56711	2877.3	3.0	25.1	105.3	275.6	-27.0	0.0412	0.0296	0.0179	70.57	98.09	162.67	0.00	-2.87	-2.95	0.0
56712	2574.0	2.5	28.0	111.3	269.0	-26.9	0.0412	0.0296	0.0179	63.27	87.95	145.85	0.00	-2.57	-2.65	0.0
56713	2303.6	3.0	29.9	113.8	275.0	-27.0	0.0412	0.0296	0.0179	56.84	79.00	131.02	0.00	-2.30	-2.38	0.0
56714	2042.6	3.6	31.1	115.1	284.8	-27.0	0.0412	0.0296	0.0179	50.68	70.45	116.83	0.00	-2.05	-2.14	0.0
56715	1789.2	4.1	31.9	115.9	294.8	-26.7	0.0412	0.0296	0.0179	44.76	62.21	103.17	0.00	-1.81	-1.90	0.0
56716	1554.0	4.5	32.6	116.9	303.9	-26.3	0.0412	0.0296	0.0179	39.32	54.66	90.64	0.00	-1.59	-1.68	0.0
56717	1353.6	4.8	33.2	117.9	311.6	-25.9	0.0412	0.0296	0.0179	34.76	48.31	80.11	0.00	-1.40	-1.51	0.0
56718	1201.5	5.1	34.0	118.9	317.4	-25.4	0.0412	0.0296	0.0179	31.35	43.57	72.26	0.00	-1.26	-1.37	0.0
56719	1099.2	5.3	34.9	120.0	320.9	-24.9	0.0412	0.0296	0.0179	29.09	40.44	67.06	0.00	-1.17	-1.29	0.0
56720	1035.8	5.4	35.9	120.8	321.7	-24.3	0.0412	0.0296	0.0179	27.69	38.49	63.83	0.00	-1.11	-1.24	0.0
56721	996.5	5.6	36.8	121.2	319.6	-23.3	0.0412	0.0296	0.0179	26.80	37.25	61.77	0.00	-1.07	-1.20	0.0
56722	969.5	5.9	37.0	120.7	315.9	-21.7	0.0412	0.0296	0.0179	26.16	36.36	60.29	0.00	-1.05	-1.17	0.0
56723	948.2	7.0	35.5	118.6	315.5	19.9	0.0412	0.0296	0.0179	25.73	35.77	59.32	0.00	-1.06	-1.13	0.0
56724	931.1	9.2	28.0	112.9	332.1	20.7	0.0412	0.0296	0.0179	25.55	35.51	58.89	0.00	-1.05	-1.14	0.0
56725	921.6	20.6	15.0	105.0	395.0	18.5	0.0567	0.0296	0.0179	19.05	36.44	60.42	0.00	-1.07	-1.22	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
56726	935.0	19.9	10.2	90.4	554.9	18.4	0.0567	0.0296	0.0179	21.20	40.55	67.24	0.00	-1.19	-1.45	0.0
56727	1012.4	114.0	0.3	209.9	796.2	-80.9	0.0567	0.0462	0.0179	25.85	31.71	82.00	0.00	-1.32	-1.95	0.0
56728	1719.5	261.1	49.8	488.6	2296.1	-59.3	0.0567	0.0462	0.0179	59.46	72.94	188.63	0.00	-3.10	-4.99	0.0
56729	1085.5	6.2	-404.1	176.6	1290.0	-82.9	0.0357	0.0274	0.0179	51.39	67.13	102.79	0.00	-1.82	-3.01	0.0
56730	1103.2	4.5	-218.4	60.0	1021.6	-48.6	0.0567	0.0274	0.0283	29.27	60.64	58.55	0.00	-1.65	-2.44	0.0
56731	1191.1	8.2	-512.9	135.2	895.1	-99.0	0.0357	0.0274	0.0179	44.19	57.72	88.38	0.00	-1.55	-2.50	0.0
56732	1149.1	0.6	-326.7	50.1	677.7	-53.1	0.0567	0.0274	0.0283	24.93	51.65	49.87	0.00	-1.41	-2.01	0.0
56733	1237.2	7.1	-541.5	84.9	502.2	-120.3	0.0357	0.0274	0.0179	38.36	50.10	76.72	0.00	-1.34	-2.07	0.0
56734	1152.6	4.1	-408.8	27.5	352.5	-59.2	0.0567	0.0274	0.0283	21.67	44.90	43.34	0.00	-1.22	-1.72	0.0
56735	1244.5	22.1	-452.7	-58.4	-424.2	-142.4	0.0357	0.0274	0.0179	37.63	49.15	75.26	0.00	-1.29	-1.94	0.0
56736	1154.4	-10.5	-332.8	30.6	-448.1	-75.5	0.0567	0.0274	0.0283	22.59	46.81	45.19	0.00	-1.28	-1.75	0.0
56737	1137.5	177.7	-364.0	57.0	-514.4	-221.1	0.0357	0.0274	0.0179	36.64	47.86	73.29	0.00	-1.09	-1.88	0.0
56738	1502.3	175.9	-271.7	-351.1	-515.7	-112.4	0.0567	0.0274	0.0283	30.07	62.30	60.14	0.00	-1.53	-2.18	0.0
56739	585.5	63.5	-503.1	5.8	1418.8	-111.2	0.0357	0.0274	0.0179	43.73	57.11	87.45	0.00	-1.50	-3.05	0.0
56740	547.4	71.6	-465.0	25.7	1223.4	-60.8	0.0567	0.0274	0.0283	24.08	49.89	48.17	0.00	-1.29	-2.65	0.0
56741	666.4	62.4	-666.5	16.5	941.4	-133.8	0.0357	0.0274	0.0179	32.32	42.22	64.64	0.00	-1.08	-2.32	0.0
56742	500.8	81.8	-639.4	21.7	791.2	-72.9	0.0567	0.0274	0.0283	15.98	33.11	31.96	0.00	-0.82	-1.96	0.0
56743	675.4	32.9	-803.5	14.6	528.9	-134.3	0.0357	0.0274	0.0179	23.67	30.91	47.34	0.00	-0.80	-1.84	0.0
56744	450.5	57.9	-781.7	13.9	446.9	-76.0	0.0567	0.0274	0.0283	10.51	21.77	21.02	0.00	-0.53	-1.53	0.0
56745	654.8	31.2	-822.7	-29.7	-348.9	-102.1	0.0357	0.0274	0.0179	20.51	26.79	41.02	0.00	-0.69	-1.65	0.0
56746	464.5	39.2	-757.6	14.2	-374.3	-60.2	0.0567	0.0274	0.0283	10.08	20.89	20.17	0.00	-0.53	-1.44	0.0
56747	525.6	71.2	-705.0	52.0	-492.8	-170.4	0.0357	0.0274	0.0179	20.04	26.17	40.07	0.00	-0.64	-1.62	0.0
56748	746.7	135.7	-647.5	-262.2	-414.6	-103.8	0.0567	0.0274	0.0283	16.34	33.85	32.68	0.00	-0.82	-1.72	0.0
56749	-111.2	-10.5	-546.5	91.7	1463.5	236.4	0.0357	0.0274	0.0179	33.37	43.58	66.73	0.00	-1.24	-3.01	0.0
56750	-157.3	-36.9	-709.2	143.5	1364.7	-319.4	0.0567	0.0274	0.0283	17.07	35.36	34.14	0.00	-0.95	-2.86	0.0
56751	-51.5	-40.7	-731.1	68.8	928.9	122.4	0.0357	0.0274	0.0179	17.40	22.73	34.80	0.00	-0.68	-2.01	0.0
56752	-224.9	-88.5	-954.2	74.7	812.4	-364.8	0.0567	0.0274	0.0283	6.18	12.79	12.35	0.00	-0.41	-1.91	0.0
56753	-28.2	-59.8	-883.0	-35.0	578.3	53.9	0.0357	0.0274	0.0179	7.37	9.63	14.75	0.00	-0.32	-1.44	0.0
56754	-288.3	-103.5	-1120.2	-31.8	446.1	-312.5	0.0567	0.0274	0.0283	1.47	3.04	2.94	0.00	-0.30	-1.46	0.0
56755	-49.2	-68.4	-965.0	-103.0	322.1	-31.6	0.0357	0.0274	0.0179	3.24	4.23	6.48	0.00	-0.25	-1.18	0.0
56756	-284.6	-124.1	-1197.4	-109.8	-344.8	-304.8	0.0567	0.0274	0.0283				-0.04	-0.17	-1.40	
56757	-178.1	-101.4	-875.3	-167.1	-437.6	-161.0	0.0357	0.0274	0.0179	2.22	2.89	4.43	0.00	-0.18	-1.21	0.0
56758	-96.3	-123.9	-1075.8	-324.4	-411.0	-370.0	0.0567	0.0274	0.0283	3.82	7.91	7.64	0.00	-0.34	-1.61	0.0
56759	-1235.1	-12.9	-187.2	144.8	826.0	-79.5	0.0357	0.0274	0.0179	7.47	9.75	14.94	0.00	-0.26	-1.97	0.0
56760	-1176.8	-4.1	95.4	56.2	703.4	-30.6	0.0567	0.0274	0.0283	7.19	14.90	14.38	0.00	-0.41	-1.90	0.0
56761	-1312.5	-10.1	-104.7	144.4	968.4	-51.3	0.0179	0.0274	0.0179	24.29	15.86	24.29	0.00	-0.43	-2.30	0.0
56762	-1266.0	-3.9	140.8	49.8	836.6	-17.0	0.0388	0.0274	0.0283	13.66	19.38	18.71	0.00	-0.53	-2.19	0.0
56763	-1388.0	-7.8	-102.8	152.5	1119.6	-36.1	0.0179	0.0274	0.0179	30.73	20.07	30.73	0.00	-0.55	-2.60	0.0
56764	-1356.0	-3.1	131.1	48.0	977.2	-10.5	0.0388	0.0274	0.0283	15.86	22.50	21.72	0.00	-0.62	-2.46	0.0
56765	-1459.9	-4.2	-122.5	167.2	1266.5	-40.0	0.0179	0.0274	0.0179	36.10	23.58	36.10	0.00	-0.64	-2.88	0.0
56766	-1437.6	-1.4	110.2	51.6	1112.9	-14.3	0.0388	0.0274	0.0283	17.83	25.29	24.41	0.00	-0.69	-2.71	0.0
56767	-1532.1	-1.7	-125.9	183.0	1401.5	-49.1	0.0179	0.0274	0.0179	41.57	27.15	41.57	0.00	-0.74	-3.15	0.0
56768	-1513.3	-0.7	89.6	56.6	1242.0	-19.6	0.0388	0.0274	0.0283	19.74	28.01	27.04	0.00	-0.77	-2.96	0.0
56769	-1599.5	-0.5	-120.8	198.5	1521.1	-56.9	0.0179	0.0274	0.0179	46.72	30.51	46.72	0.00	-0.82	-3.40	0.0
56770	-1581.1	-0.5	70.2	61.7	1360.2	-23.9	0.0388	0.0274	0.0283	21.53	30.54	29.49	0.00	-0.83	-3.18	0.0
56771	-1656.0	-0.2	-118.5	212.9	1626.5	-62.1	0.0179	0.0274	0.0179	51.25	33.47	51.25	0.00	-0.90	-3.62	0.0
56772	-1636.6	-0.5	52.6	66.7	1465.7	-26.7	0.0388	0.0274	0.0283	23.18	32.88	31.74	0.00	-0.90	-3.39	0.0
56773	-1695.0	-0.3	-118.3	226.4	1720.7	-64.7	0.0179	0.0274	0.0179	55.43	36.20	55.43	0.00	-0.98	-3.81	0.0
56774	-1674.0	-0.6	37.5	71.5	1559.3	-28.1	0.0388	0.0274	0.0283	24.75	35.10	33.89	0.00	-0.96	-3.56	0.0
56775	-1709.3	-0.2	-118.2	238.9	1806.8	-65.5	0.0179	0.0274	0.0179	59.64	38.95	59.64	0.00	-1.05	-3.97	0.0
56776	-1686.6	-0.7	25.1	76.1	1643.4	-28.6	0.0388	0.0274	0.0283	26.33	37.36	36.06	0.00	-1.02	-3.71	0.0
56777	-1690.5	0.2	-116.5	250.6	1887.5	-64.9	0.0179	0.0274	0.0179	64.23	41.95	64.23	0.00	-1.13	-4.12	0.0
56778	-1666.3	-0.5	15.2	80.3	1720.6	-28.5	0.0388	0.0274	0.0283	28.07	39.82	38.44	0.00	-1.09	-3.83	0.0
56779	-1629.4	1.3	-112.0	261.5	1964.3	-63.6	0.0179	0.0274	0.0179	69.52	45.40	69.52	0.00	-1.23	-4.24	0.0
56780	-1604.8	-0.2	8.0	84.2	1793.3	-28.1	0.0388	0.0274	0.0283	30.09	42.69	41.21	0.00	-1.17	-3.94	0.0
56781	-1519.6	3.0	-104.5	271.8	2038.0	-61.8	0.0179	0.0274	0.0179	75.75	49.47	75.75	0.00	-1.34	-4.35	0.0
56782	-1495.8	0.3	3.8	87.8	1862.9	-27.4	0.0388	0.0274	0.0283	32.52	46.14	44.54	0.00	-1.26	-4.02	0.0
56783	-1361.5	5.4	-94.6	281.3	2108.0	-59.5	0.0179	0.0274	0.0179	82.97	54.19	82.97	0.00	-1.46	-4.44	0.0
56784	-1339.7	1.0	2.1	90.9	1929.1	-26.6	0.0388	0.0274	0.0283	35.40	50.22	48.48	0.00	-1.37	-4.09	0.0
56785	-1162.2	8.2	-84.4	289.8	2173.0	-56.7	0.0179	0.0274	0.0179	91.02	59.44	91.02	0.00	-1.61	-4.51	0.0
56786	-1142.6	1.9	1.9	93.6	1990.1	-25.5	0.0388	0.0274	0.0283	38.67	54.86	52.96	0.00	-1.50	-4.15	0.0
56787	-931.3	11.2	-76.5	296.7	2230.0	-53.0	0.0179	0.0274	0.0179	99.55	65.01	99.55	0.00	-1.76	-4.58	0.0
56788	-913.7	2.8	2.4	95.6	2042.4	-24.0	0.0388	0.0274	0.0283	42.21	59.87	57.80	0.00	-1.63	-4.19	0.0
56789	-678.2	13.7	-74.9	301.3	2274.0	-48.2	0.0179	0.0274	0.0179	108.06	70.57	108.06	0.00	-1.91	-4.63	0.0
56790	-662.0	3.7	3.1	96.6	2080.4	24.5	0.0388	0.0274	0.0283	45.88	65.08	62.83	0.00	-1.78	-4.22	0.0
56791	-411.2	15.4	-83.5	302.5	2298.0	-41.8	0.0179	0.0274	0.0179	115.91	75.70	115.91	0.00	-2.05	-4.65	0.0
56792	-395.9	4.4	3.5	96.3	2096.9	24.3	0.0388	0.0274	0.0283	49.30	69.93	67.51	0.00	-1.91	-4.22	0.0
56793	-138.2	15.6	-104.5	298.6	2292.6	-33.5	0.0179	0.0274	0.0179	122.39	79.93	122.39	0.00	-2.17	-4.62	0.0
56794	-123.1	4.7	2.9	93.7	2083.6	22.5	0.0388	0.0274	0.0283	52.23	74.10	71.53	0.00	-2.03	-4.17	0.0
56795	132.0	14.1	-127.8	287.8	2246.9	-23.9	0.0179	0.0274	0.0179	126.97	82.92	126.97	0.00	-2.25	-4.54	0.0
56796	151.3	4.1	-1.3	87.7	2030.6	18.6	0.0388	0.0274	0.0283	54.34	77.09	74.43	0.00	-2.11	-4.07	0.0
56797	392.6	10.6	-145.9	269.1	2148.8	-18.3	0.0179	0.0274	0.0179	128.96	84.22	128.96	0.00	-2.29	-4.36	0.0
56798	426.1	1.9	-15.7	79.4	1924.1	12.3	0.0388	0.0274	0.0283	55.23	78.35	75.64	0.00	-2.14	-3.88	0.0
56799	651.9	10.2	-188.9	246.6	1972.4	-32.1	0.0179	0.0274	0.0179	126.53	82.63	126.53	0.00	-2.25	-4.06	0.0
56800	702.7	2.5	-52.9	74.0	1730.5	9.3	0.0388	0.0274	0.0283	54.05	76.67	74.02	0.00	-2.10	-3.55	0.0
56801	902.9	12.9	-281.8	217.6	1667.9	-59.5	0.0357	0.0274	0.0179	58.48	76.39	116.97	0.00	-2.07	-3.57	0.0
56802	951.3	6.9	-124.9	66.6	1409.6	-23.8	0.0567	0.0274	0.0283	33.92	70.27	67.84	0.00	-1.91	-3.02	0.0
56803	-1265.1	9.6	5.7	-23.6	898.6	-64.5	0.0357	0.0274	0.0179	13.45	17.57	26.90	0.00	-0.48	-2.21	0.0
56804	-1227.2	10.4	107.3	-8.9	906.0	-85.1	0.0567	0.0274	0.0283	10.17	21.07	20.34	0.00	-0.58	-2.26	0.0
56805	-1355.1	13.2	60.6	-29.1	1082.6	-41.1	0.0179	0.0274	0.0179	36.37	23.75	36.37	0.00	-0.64	-2.59	0.0
56806	-1315.6	3.9	182.1	-14.0	1072.9	-50.8	0.0388	0.0274	0.0283	19.20	27.23	26.29	0.00	-0.74	-2.62	0.0
56807	-1404.4	4.0	37.8	-26.8	1242.3	-16.8	0.0179	0.0274	0.0179	42.20	27.56	42.20	0.00	-0.75	-2.87	0.0
56808	-1371.9	1.2	191.3	8.6	1215.9	-25.8	0.0388	0.0274	0.0283	22.04	31.26	30.18	0.00	-0.85	-2.89	0.0
56809	-1446.8	5.3	-1.5	-28.4	1391.6	-16.7	0.0179	0.0274	0.0179	47.28	30.88	47.28	0.00	-0.84	-3.14	0.0
56810	-1419.4	-0.7	180.1	4.8	1361.6	-23.2	0.0388	0.0274	0.0283	24.72	35.07	33.86	0.00	-0.96	-3.16	0.0
56811	-1487.0	7.3	-43.7	-31.6	1524.2	-21.6	0.0179	0.0274	0.0179	51.61	33.71	51.61	0.00	-0.92	-3.37	0.0
56812	-1461.9	-0.2	156.0	3.0	1506.2	-29.3	0.0388	0.0274	0.0283	27.23	38.63	37.30	0.00	-1.06	-3.42	0.0
56813	-1522.3	8.8	-74.8	-34.9	1640.2	-26.0	0.0179	0.0274	0.0179	55.73	36.39	55.73	0.00	-0.99	-3.59	0.0
56814	-1498.3	0.4	130.1	-3.2	1640.4	-34.7	0.0388	0.0274	0.0283	29.57	41.95	40.50	0.00	-1.15	-3.66	0.0
56815	-1549.2	9.5	-87.5	-37.7	1742.9	-28.9	0.0179	0.0274	0.0179	60.06	39.23	60.06	0.00	-1.07	-3.78	0.0
56816	-1525.2	0.5	110.1	-4.0	1761.0	-38.3	0.0388	0.0274	0.0283	31.81	45.13	43.57	0.00	-1.24	-3.88	0.0
56817	-1564.2	9.7	-89.4	-39.7	1835.8	-30.4	0.0179	0.0274	0.0179	64.54	42.15	64.54	0.00	-1.15	-3.96	0.0
56818	-1539.1	0.4	97.4	-4.0	1868.6	-40.2	0.0388	0.0274	0.0283	34.00	48.23	46.57	0.00	-1.32	-4.08	0.0
56819	-1563.3	9.5	-89.0	-41.2	1922.1	-30.8	0.0179	0.0274	0.0179	69.06	45.10	69.06	0.00	-1.23	-4.12	0.0
56820	-1536.2	0.3	90.0	-3.6	1965.8	-40.7	0.0388	0.0274	0.0283	36.19	51.34	49.57	0.00	-1.41	-4.26	0.0
56821	-1542.1	9.3	-87.9	-42.5	2003.8	-30.5	0.0179	0.0274	0.0179	73.77	48.18	73.77	0.00	-1.31	-4.27	0.0
56822	-1512.8	0.1	85.5	-3.1	2055.7	-40.2	0.0388	0.0274	0.0283	38.45	54.54	52.66	0.00	-1.49	-4.41	0.0
56823	-1495.7	9.0	-85.6	-43.8	2082.2	-29.8	0.0179	0.0274	0.0179	78.86	51.50	78.86	0.00	-1.40	-4.40	0.0
56824	-1465.2	0.1	82.4	-2.7	2140.6	-39.3	0.0388	0.0274	0.0283	40.84	57.93	55.93	0.00	-1.59	-4.55	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
56825	-1420.9	8.6	-81.9	-45.2	2157.7	-28.8	0.0179	0.0274	0.0179	84.46	55.16	84.46	0.00	-1.50	-4.52	0.0
56826	-1390.8	0.0	79.4	-2.5	2221.8	-37.9	0.0388	0.0274	0.0283	43.41	61.58	59.45	0.00	-1.69	-4.68	0.0
56827	-1317.8	8.3	-77.9	-46.8	2229.9	-27.6	0.0179	0.0274	0.0179	90.54	59.13	90.54	0.00	-1.61	-4.63	0.0
56828	-1289.2	0.1	75.6	-2.8	2299.1	-36.3	0.0388	0.0274	0.0283	46.16	65.48	63.21	0.00	-1.79	-4.80	0.0
56829	-1189.5	7.9	-76.0	-48.6	2297.2	-26.1	0.0179	0.0274	0.0179	96.94	63.31	96.94	0.00	-1.73	-4.73	0.0
56830	-1162.4	0.1	69.9	-3.2	2370.1	-34.2	0.0388	0.0274	0.0283	49.02	69.54	67.14	0.00	-1.90	-4.90	0.0
56831	-1040.3	7.4	-78.8	-50.3	2357.0	-24.1	0.0179	0.0274	0.0179	103.37	67.51	103.37	0.00	-1.84	-4.81	0.0
56832	-1013.5	0.2	61.8	-3.8	2430.6	-31.6	0.0388	0.0274	0.0283	51.87	73.59	71.04	0.00	-2.01	-4.98	0.0
56833	-873.8	6.7	-87.5	-51.6	2404.5	-21.5	0.0179	0.0274	0.0179	109.50	71.51	109.50	0.00	-1.95	-4.87	0.0
56834	-846.3	0.2	51.9	-4.3	2473.2	-28.2	0.0388	0.0274	0.0283	54.53	77.35	74.67	0.00	-2.12	-5.03	0.0
56835	-693.0	5.7	-96.1	-52.4	2432.5	-18.1	0.0179	0.0274	0.0179	115.11	75.18	115.11	0.00	-2.05	-4.90	0.0
56836	-665.1	0.2	41.2	-4.6	2488.7	-23.8	0.0388	0.0274	0.0283	56.72	80.46	77.68	0.00	-2.20	-5.03	0.0
56837	-500.9	4.2	-99.0	-52.6	2430.9	-13.9	0.0179	0.0274	0.0179	119.75	78.20	119.75	0.00	-2.14	-4.88	0.0
56838	-474.5	-0.1	28.8	-5.1	2466.2	-18.4	0.0388	0.0274	0.0283	58.12	82.45	79.60	0.00	-2.26	-4.96	0.0
56839	-302.7	2.0	-105.2	-52.8	2388.1	-9.4	0.0179	0.0274	0.0179	122.37	79.92	122.37	0.00	-2.19	-4.78	0.0
56840	-278.8	-0.3	8.6	-7.3	2397.1	-13.0	0.0388	0.0274	0.0283	58.38	82.81	79.95	0.00	-2.27	-4.80	0.0
56841	-104.9	1.0	-128.5	-53.1	2294.1	-9.2	0.0179	0.0274	0.0179	121.88	79.60	121.88	0.00	-2.18	-4.59	0.0
56842	-77.7	1.0	-31.5	-13.8	2278.1	-13.5	0.0388	0.0274	0.0283	57.28	81.26	78.45	0.00	-2.22	-4.56	0.0
56843	92.9	4.3	-192.6	-52.5	2146.4	-20.6	0.0179	0.0274	0.0179	117.65	76.83	117.65	0.00	-2.10	-4.30	0.0
56844	139.2	-0.1	-117.6	-17.0	2100.4	-30.9	0.0388	0.0274	0.0283	54.50	77.31	74.63	0.00	-2.12	-4.21	0.0
56845	343.7	14.6	-329.6	-32.5	1854.2	-52.8	0.0357	0.0274	0.0179	52.97	69.19	105.94	0.00	-1.88	-3.77	0.0
56846	390.2	16.0	-277.9	12.1	1750.7	-47.2	0.0567	0.0274	0.0283	32.43	67.19	64.87	0.00	-1.82	-3.57	0.0
56847	-1251.1	76.8	345.6	-70.6	1089.5	-127.0	0.0357	0.0274	0.0179	25.82	33.72	51.64	0.00	-0.87	-2.73	0.0
56848	-1245.8	42.8	192.8	-78.3	1023.2	-101.9	0.0567	0.0274	0.0283	13.18	27.30	26.35	0.00	-0.73	-2.52	0.0
56849	-1339.1	4.9	224.0	-27.9	1266.8	-34.8	0.0179	0.0274	0.0179	52.21	34.09	52.21	0.00	-0.93	-2.98	0.0
56850	-1292.1	13.9	237.4	-32.7	1201.1	-34.6	0.0388	0.0274	0.0283	23.16	32.85	31.71	0.00	-0.89	-2.85	0.0
56851	-1377.6	1.0	188.3	16.5	1429.8	-21.2	0.0179	0.0274	0.0179	57.95	37.84	57.95	0.00	-1.03	-3.26	0.0
56852	-1337.5	-0.7	267.4	14.5	1350.4	-19.0	0.0388	0.0274	0.0283	26.68	37.85	36.54	0.00	-1.04	-3.14	0.0
56853	-1407.2	-0.6	134.0	12.9	1572.9	-19.4	0.0179	0.0274	0.0179	62.39	40.74	62.39	0.00	-1.12	-3.50	0.0
56854	-1366.7	0.1	254.5	9.4	1505.8	-18.4	0.0388	0.0274	0.0283	29.73	42.17	40.71	0.00	-1.15	-3.42	0.0
56855	-1426.2	-0.6	79.0	9.8	1695.9	-23.0	0.0179	0.0274	0.0179	66.13	43.19	66.13	0.00	-1.18	-3.71	0.0
56856	-1389.8	0.2	218.5	4.9	1653.0	-20.9	0.0388	0.0274	0.0283	32.27	45.77	44.19	0.00	-1.25	-3.68	0.0
56857	-1435.7	-0.1	31.5	7.6	1803.4	-25.8	0.0179	0.0274	0.0179	69.67	45.50	69.67	0.00	-1.25	-3.89	0.0
56858	-1403.2	1.3	183.1	2.0	1784.8	-23.7	0.0388	0.0274	0.0283	34.60	49.09	47.39	0.00	-1.34	-3.91	0.0
56859	-1436.1	0.0	-3.6	6.6	1900.3	-27.3	0.0179	0.0274	0.0179	73.37	47.91	73.37	0.00	-1.31	-4.06	0.0
56860	-1405.9	1.6	160.2	1.5	1901.3	-25.1	0.0388	0.0274	0.0283	36.93	52.39	50.58	0.00	-1.43	-4.11	0.0
56861	-1428.3	-0.1	-24.8	6.7	1990.5	-27.6	0.0179	0.0274	0.0179	77.45	50.58	77.45	0.00	-1.38	-4.22	0.0
56862	-1398.1	1.3	148.7	-2.0	2005.2	-25.4	0.0388	0.0274	0.0283	39.28	55.72	53.79	0.00	-1.52	-4.30	0.0
56863	-1412.7	-0.1	-33.9	7.5	2076.4	-27.3	0.0179	0.0274	0.0179	81.96	53.52	81.96	0.00	-1.46	-4.38	0.0
56864	-1380.8	1.0	143.2	-1.7	2100.4	-25.0	0.0388	0.0274	0.0283	41.62	59.04	57.00	0.00	-1.62	-4.47	0.0
56865	-1389.3	0.0	-36.5	8.4	2159.4	-26.5	0.0179	0.0274	0.0179	86.73	56.64	86.73	0.00	-1.55	-4.53	0.0
56866	-1355.1	0.8	140.3	-1.1	2190.0	-24.3	0.0388	0.0274	0.0283	43.97	62.37	60.21	0.00	-1.71	-4.63	0.0
56867	-1357.4	0.0	-36.8	9.2	2240.0	-25.6	0.0179	0.0274	0.0179	91.67	59.87	91.67	0.00	-1.64	-4.67	0.0
56868	-1321.9	0.6	138.4	-0.4	2275.9	-23.4	0.0388	0.0274	0.0283	46.33	65.72	63.45	0.00	-1.80	-4.78	0.0
56869	-1316.5	0.1	-36.5	9.7	2318.4	-24.5	0.0179	0.0274	0.0179	96.73	63.17	96.73	0.00	-1.73	-4.81	0.0
56870	-1281.1	0.6	136.5	-0.3	2359.3	-22.4	0.0388	0.0274	0.0283	48.72	69.11	66.72	0.00	-1.89	-4.93	0.0
56871	-1266.5	0.1	-37.0	9.8	2394.1	-23.3	0.0179	0.0274	0.0179	101.84	66.51	101.84	0.00	-1.82	-4.94	0.0
56872	-1231.9	0.7	132.9	-0.7	2439.7	-21.2	0.0388	0.0274	0.0283	51.10	72.49	69.99	0.00	-1.98	-5.07	0.0
56873	-1207.3	0.1	-39.3	9.5	2465.8	-21.9	0.0179	0.0274	0.0179	106.91	69.82	106.91	0.00	-1.91	-5.07	0.0
56874	-1172.7	0.8	125.6	-1.4	2515.2	-19.9	0.0388	0.0274	0.0283	53.43	75.79	73.17	0.00	-2.07	-5.20	0.0
56875	-1138.2	-0.1	-42.2	9.1	2531.1	-20.2	0.0179	0.0274	0.0179	111.88	73.07	111.88	0.00	-2.00	-5.18	0.0
56876	-1100.8	0.9	112.4	-2.2	2581.7	-18.3	0.0388	0.0274	0.0283	55.59	78.85	76.13	0.00	-2.16	-5.30	0.0
56877	-1056.8	-0.1	-43.3	8.8	2585.7	-18.1	0.0179	0.0274	0.0179	116.65	76.18	116.65	0.00	-2.08	-5.27	0.0
56878	-1013.6	0.9	93.2	-2.5	2631.7	-16.4	0.0388	0.0274	0.0283	57.42	81.46	78.64	0.00	-2.23	-5.38	0.0
56879	-959.3	-0.1	-44.1	9.1	2622.4	-15.5	0.0179	0.0274	0.0179	120.88	78.94	120.88	0.00	-2.16	-5.32	0.0
56880	-909.4	0.7	70.9	-2.3	2654.4	-14.0	0.0388	0.0274	0.0283	58.73	83.32	80.44	0.00	-2.28	-5.40	0.0
56881	-841.6	-0.3	-48.5	10.7	2630.2	-12.6	0.0179	0.0274	0.0179	123.93	80.93	123.93	0.00	-2.22	-5.32	0.0
56882	-788.2	0.0	46.8	-4.1	2636.7	-11.5	0.0388	0.0274	0.0283	59.22	84.01	81.10	0.00	-2.30	-5.34	0.0
56883	-701.9	1.1	-62.6	13.8	2595.4	-10.7	0.0179	0.0274	0.0179	124.93	81.59	124.93	0.00	-2.23	-5.23	0.0
56884	-652.6	1.0	14.0	-7.9	2567.0	-9.5	0.0388	0.0274	0.0283	58.45	82.92	80.05	0.00	-2.27	-5.18	0.0
56885	-541.7	0.9	-96.1	20.0	2503.4	-12.2	0.0179	0.0274	0.0179	122.79	80.19	122.79	0.00	-2.19	-5.03	0.0
56886	-508.9	0.3	-45.2	13.9	2445.5	-16.5	0.0388	0.0274	0.0283	56.14	79.64	76.89	0.00	-2.18	-4.91	0.0
56887	-376.9	17.2	-164.3	-23.7	2353.5	-41.2	0.0179	0.0274	0.0179	116.73	76.23	116.73	0.00	-2.07	-4.71	0.0
56888	-331.3	18.9	-153.2	-34.0	2287.5	21.9	0.0388	0.0274	0.0283	52.73	74.80	72.21	0.00	-2.03	-4.58	0.0
56889	-163.3	14.6	-327.3	67.0	2171.2	164.8	0.0357	0.0274	0.0179	54.31	70.93	108.62	0.00	-1.94	-4.36	0.0
56890	-130.2	-5.1	-394.7	64.5	2073.8	-83.7	0.0567	0.0274	0.0283	32.02	66.34	64.05	0.00	-1.82	-4.16	0.0
56891	-1087.1	28.5	-1025.5	-87.0	732.4	-381.6	0.0357	0.0274	0.0179	6.89	9.00	13.78	0.00	-0.76	-2.06	0.0
56892	-1008.9	27.8	-912.9	-398.0	660.3	-189.7	0.0567	0.0274	0.0283	5.56	11.52	11.12	0.00	-0.88	-1.96	0.0
56893	-1136.7	-53.3	-964.3	46.3	786.1	-262.9	0.0357	0.0274	0.0179	1.57	2.05	3.14	0.00	-0.40	-1.92	0.0
56894	-1090.1	-5.0	-668.2	-36.3	749.9	-134.9	0.0567	0.0274	0.0283	1.52	3.15	3.05	0.00	-0.28	-1.75	0.0
56895	-1157.4	-50.7	-813.6	124.9	739.8	-203.7	0.0357	0.0274	0.0179	0.19	0.25	0.38	0.00	-0.26	-1.78	0.0
56896	-1090.7	-20.7	-510.4	39.6	692.4	-94.5	0.0567	0.0274	0.0283	0.46	0.96	0.93	0.00	-0.12	-1.58	0.0
56897	-1159.8	-34.0	-583.2	143.1	703.6	-149.0	0.0357	0.0274	0.0179	0.20	0.26	0.40	0.00	-0.13	-1.66	0.0
56898	-1094.1	-14.7	-242.2	64.5	620.0	-70.8	0.0567	0.0274	0.0283	1.66	3.44	3.33	0.00	-0.11	-1.52	0.0
56899	-1183.1	-22.1	-349.8	146.5	736.3	-112.7	0.0357	0.0274	0.0179	2.40	3.14	4.81	0.00	-0.09	-1.72	0.0
56900	-1116.4	-7.8	-23.7	62.8	617.7	-51.4	0.0567	0.0274	0.0283	4.52	9.36	9.04	0.00	-0.26	-1.66	0.0
56901	-1118.5	21.1	-1088.4	58.1	805.6	-230.2	0.0357	0.0274	0.0179	2.29	3.00	4.59	0.00	-0.42	-2.01	0.0
56902	-1053.8	36.4	-1164.5	-256.5	592.7	-135.9	0.0567	0.0274	0.0283	2.77	5.74	5.54	0.00	-0.79	-1.86	0.0
56903	-1092.0	39.0	-1025.2	-52.8	708.1	-102.9	0.0357	0.0274	0.0179	1.93	2.52	3.86	0.00	-0.45	-1.84	0.0
56904	-1154.8	47.4	-1034.5	-23.1	671.1	-100.9	0.0567	0.0274	0.0283	1.16	2.39	2.31	0.00	-0.50	-1.84	0.0
56905	-1099.0	28.0	-792.4	-17.3	642.2	-140.0	0.0357	0.0274	0.0179	2.01	2.63	4.03	0.00	-0.40	-1.68	0.0
56906	-1170.7	38.8	-811.8	-19.4	651.0	-114.3	0.0567	0.0274	0.0283	1.20	2.48	2.40	0.00	-0.41	-1.74	0.0
56907	-1115.8	33.6	-444.8	-13.9	641.0	-134.1	0.0357	0.0274	0.0179	3.35	4.38	6.71	0.00	-0.26	-1.63	0.0
56908	-1163.2	46.8	-427.7	-11.6	649.8	-123.6	0.0567	0.0274	0.0283	2.16	4.48	4.32	0.00	-0.25	-1.67	0.0
56909	-1160.7	30.6	-156.6	-7.3	741.8	-106.8	0.0357	0.0274	0.0179	7.73	10.09	15.45	0.00	-0.28	-1.83	0.0
56910	-1157.6	39.4	-87.9	13.6	727.4	-109.7	0.0567	0.0274	0.0283	5.49	11.38	10.98	0.00	-0.30	-1.84	0.0
56911	-1226.6	-103.6	-1133.6	131.4	787.5	-171.1	0.0357	0.0274	0.0179				-0.08	-0.39	-1.99	
56912	-1209.8	-142.0	-1416.1	181.5	634.2	-336.9	0.0567	0.0274	0.0283				-0.06	-0.68	-2.03	
56913	-1160.8	-25.5	-1003.5	-61.6	691.4	-30.3	0.0357	0.0274	0.0179				-0.01	-0.40	-1.78	
56914	-1304.5	-64.0	-1323.9	81.4	609.2	-288.6	0.0567	0.0274	0.0283	0.03	0.05	0.05	0.00	-0.74	-1.96	0.0
56915	-1146.7	38.0	-647.1	-48.0	614.3	-46.3	0.0357	0.0274	0.0179	1.48	1.93	2.96	0.00	-0.30	-1.61	0.0
56916	-1306.6	-10.7	-974.9	21.7	560.2	-269.8	0.0567	0.0274	0.0283	1.28	2.66	2.56	0.00	-0.69	-1.82	0.0
56917	-1159.3	110.7	-174.2	-48.0	606.2	-90.1	0.0357	0.0274	0.0179	6.00	7.84	12.01	0.00	-0.20	-1.66	0.0
56918	-1274.6	71.5	-493.8	-45.5	562.0	-286.7	0.0567	0.0274	0.0283	4.34	8.99	8.68	0.00	-0.62	-1.82	0.0
56919	-1198.2	157.8	284.1	-54.7	742.5	-163.7	0.0357	0.0274	0.0179	18.24	23.83	36.48	0.00	-0.55	-2.16	0.0
56920	-1250.6	96.2	-13.0	-93.3	680.4	-241.7	0.0567	0.0274	0.0283	8.26	17.10	16.51	0.00	-0.55	-2.02	0.0
56921	-1097.6	126.1	396.6	-97.9	1308.9	166.3	0.0357	0.0274	0.0179	32.60	42.58	65.20	0.00	-1.03	-3.04	0.0
56922	-1127.8	74.5	260.1	-68.9	1135.7	78.0	0.0567	0.0274	0.0283	15.85	32.83	31.70	0.00	-0.82	-2.67	0.0
56923	-1244.8	-3.3	370.0	-31.3	1438.4	-42.9	0.0179	0.0274	0.0179	67.95	44.38	67.95	0.00	-1.22	-3.30	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
56924	-1221.5	13.7	336.5	-46.6	1294.3	-13.9	0.0388	0.0274	0.0283	27.54	39.07	37.72	0.00	-1.06	-3.02	0.0
56925	-1313.7	4.0	322.2	19.2	1582.9	-21.5	0.0179	0.0274	0.0179	71.96	46.99	71.96	0.00	-1.28	-3.56	0.0
56926	-1265.7	-1.6	360.2	22.8	1464.9	-17.3	0.0388	0.0274	0.0283	31.49	44.67	43.13	0.00	-1.22	-3.35	0.0
56927	-1342.3	-1.3	258.6	12.6	1704.1	-21.1	0.0179	0.0274	0.0179	75.03	49.00	75.03	0.00	-1.34	-3.77	0.0
56928	-1284.4	-0.3	322.7	13.8	1629.3	-23.2	0.0388	0.0274	0.0283	34.41	48.82	47.13	0.00	-1.34	-3.63	0.0
56929	-1341.3	1.3	193.1	6.5	1805.7	-24.8	0.0179	0.0274	0.0179	77.66	50.72	77.66	0.00	-1.39	-3.92	0.0
56930	-1282.3	0.1	263.2	7.6	1772.3	-24.6	0.0388	0.0274	0.0283	36.68	52.04	50.24	0.00	-1.42	-3.87	0.0
56931	-1318.5	2.0	136.0	4.0	1895.3	-24.8	0.0179	0.0274	0.0179	80.52	52.58	80.52	0.00	-1.44	-4.06	0.0
56932	-1262.8	1.3	213.4	3.2	1892.1	-25.3	0.0388	0.0274	0.0283	38.81	55.05	53.14	0.00	-1.51	-4.06	0.0
56933	-1286.2	2.0	91.9	-3.7	1979.2	-23.6	0.0179	0.0274	0.0179	83.87	54.77	83.87	0.00	-1.50	-4.19	0.0
56934	-1233.7	1.2	187.2	1.9	1994.6	-23.9	0.0388	0.0274	0.0283	41.07	58.26	56.24	0.00	-1.59	-4.24	0.0
56935	-1254.2	1.7	61.4	-4.2	2060.7	-21.7	0.0179	0.0274	0.0179	87.68	57.26	87.68	0.00	-1.57	-4.33	0.0
56936	-1203.2	0.7	177.6	-1.9	2086.7	-22.1	0.0388	0.0274	0.0283	43.41	61.58	59.45	0.00	-1.68	-4.40	0.0
56937	-1227.0	1.3	43.1	-3.8	2141.1	-20.0	0.0179	0.0274	0.0179	91.85	59.98	91.85	0.00	-1.64	-4.47	0.0
56938	-1176.3	0.3	174.5	-1.4	2173.4	-20.3	0.0388	0.0274	0.0283	45.73	64.86	62.62	0.00	-1.77	-4.55	0.0
56939	-1205.8	1.1	33.8	-3.1	2220.8	-18.5	0.0179	0.0274	0.0179	96.23	62.84	96.23	0.00	-1.72	-4.61	0.0
56940	-1155.3	0.2	173.3	-0.7	2257.6	-18.7	0.0388	0.0274	0.0283	47.97	68.05	65.70	0.00	-1.86	-4.71	0.0
56941	-1190.9	1.0	29.5	-2.6	2299.5	-17.3	0.0179	0.0274	0.0179	100.63	65.72	100.63	0.00	-1.80	-4.76	0.0
56942	-1140.6	0.2	172.8	0.3	2340.4	-17.5	0.0388	0.0274	0.0283	50.15	71.14	68.68	0.00	-1.95	-4.86	0.0
56943	-1182.2	1.0	27.1	-2.6	2377.1	-16.4	0.0179	0.0274	0.0179	104.93	68.53	104.93	0.00	-1.87	-4.91	0.0
56944	-1132.0	0.2	172.1	0.4	2422.4	-16.6	0.0388	0.0274	0.0283	52.26	74.13	71.57	0.00	-2.03	-5.02	0.0
56945	-1179.7	1.0	25.0	-3.2	2453.2	-15.8	0.0179	0.0274	0.0179	109.04	71.21	109.04	0.00	-1.95	-5.05	0.0
56946	-1128.2	0.1	169.4	0.6	2503.3	-16.0	0.0388	0.0274	0.0283	54.27	76.98	74.32	0.00	-2.11	-5.17	0.0
56947	-1182.4	1.1	23.0	-4.3	2527.0	-15.4	0.0179	0.0274	0.0179	112.93	73.75	112.93	0.00	-2.02	-5.20	0.0
56948	-1127.4	0.1	161.7	-1.4	2582.1	-15.5	0.0388	0.0274	0.0283	56.12	79.61	76.86	0.00	-2.18	-5.32	0.0
56949	-1188.5	1.1	21.4	-5.6	2596.9	-15.0	0.0179	0.0274	0.0179	116.55	76.12	116.55	0.00	-2.08	-5.33	0.0
56950	-1126.1	0.2	145.5	-2.6	2656.2	-15.1	0.0388	0.0274	0.0283	57.73	81.89	79.06	0.00	-2.24	-5.46	0.0
56951	-1193.2	1.0	19.5	-6.6	2659.9	-14.5	0.0179	0.0274	0.0179	119.82	78.25	119.82	0.00	-2.14	-5.46	0.0
56952	-1118.9	0.3	119.4	-3.5	2719.6	-14.6	0.0388	0.0274	0.0283	58.97	83.66	80.77	0.00	-2.29	-5.58	0.0
56953	-1186.8	0.8	14.7	-6.7	2710.2	-13.9	0.0179	0.0274	0.0179	122.54	80.03	122.54	0.00	-2.19	-5.55	0.0
56954	-1097.9	0.1	88.5	-3.9	2761.3	-13.9	0.0388	0.0274	0.0283	59.75	84.76	81.83	0.00	-2.32	-5.65	0.0
56955	-1152.1	0.0	3.3	-7.2	2737.1	-12.9	0.0179	0.0274	0.0179	124.39	81.23	124.39	0.00	-2.22	-5.59	0.0
56956	-1053.8	-0.7	57.8	-6.0	2765.8	-13.1	0.0388	0.0274	0.0283	59.84	84.89	81.96	0.00	-2.32	-5.64	0.0
56957	-1070.7	-0.6	-20.2	-10.5	2725.2	-12.1	0.0179	0.0274	0.0179	124.77	81.49	124.77	0.00	-2.23	-5.55	0.0
56958	-979.7	0.7	19.0	10.4	2716.1	-11.2	0.0388	0.0274	0.0283	58.76	83.36	80.48	0.00	-2.28	-5.52	0.0
56959	-932.5	2.3	-63.4	20.4	2658.2	14.0	0.0179	0.0274	0.0179	122.86	80.24	122.86	0.00	-2.19	-5.39	0.0
56960	-874.8	-0.4	-46.7	21.8	2607.4	-17.8	0.0388	0.0274	0.0283	56.14	79.63	76.88	0.00	-2.18	-5.28	0.0
56961	-730.4	9.1	-142.0	-29.7	2522.4	-83.2	0.0179	0.0274	0.0179	117.86	76.97	117.86	0.00	-2.10	-5.08	0.0
56962	-721.2	23.4	-170.3	50.0	2473.3	11.3	0.0388	0.0274	0.0283	52.64	74.68	72.10	0.00	-2.02	-4.98	0.0
56963	-409.8	100.7	-260.6	134.3	2465.5	311.2	0.0357	0.0274	0.0179	60.98	79.65	121.97	0.00	-2.12	-4.99	0.0
56964	-472.8	48.0	-331.1	-74.1	2344.3	-78.9	0.0567	0.0274	0.0283	34.39	71.24	68.78	0.00	-1.91	-4.70	0.0
56965	-985.9	122.6	348.0	72.1	1470.7	212.6	0.0357	0.0274	0.0179	37.35	48.78	74.69	0.00	-1.25	-3.27	0.0
56966	-941.7	100.5	350.7	102.6	1258.1	91.5	0.0567	0.0274	0.0283	20.03	41.49	40.06	0.00	-1.05	-2.85	0.0
56967	-1046.9	-9.1	458.2	38.7	1581.3	33.6	0.0179	0.0274	0.0179	81.61	53.30	81.61	0.00	-1.47	-3.50	0.0
56968	-1061.3	4.5	453.5	-50.5	1390.3	29.1	0.0388	0.0274	0.0283	32.95	46.75	45.13	0.00	-1.27	-3.17	0.0
56969	-958.8	3.6	438.8	24.8	1694.4	-22.8	0.0179	0.0274	0.0179	88.00	57.47	88.00	0.00	-1.57	-3.67	0.0
56970	-989.8	3.0	450.7	30.9	1559.6	-13.4	0.0388	0.0274	0.0283	37.31	52.92	51.09	0.00	-1.44	-3.44	0.0
56971	-864.5	-0.2	371.0	15.8	1787.7	-28.1	0.0179	0.0274	0.0179	92.03	60.10	92.03	0.00	-1.64	-3.78	0.0
56972	-925.6	1.1	368.4	15.0	1720.2	-30.5	0.0388	0.0274	0.0283	40.17	56.98	55.01	0.00	-1.56	-3.68	0.0
56973	-810.7	2.6	295.5	7.0	1861.9	-31.8	0.0179	0.0274	0.0179	94.28	61.57	94.28	0.00	-1.68	-3.89	0.0
56974	-869.9	3.1	274.2	7.9	1846.3	-31.9	0.0388	0.0274	0.0283	42.12	59.76	57.69	0.00	-1.63	-3.87	0.0
56975	-793.4	2.8	228.4	3.7	1929.9	-30.2	0.0179	0.0274	0.0179	95.91	62.63	95.91	0.00	-1.71	-3.99	0.0
56976	-831.2	3.4	207.3	5.1	1941.7	-30.8	0.0388	0.0274	0.0283	43.75	62.06	59.91	0.00	-1.69	-4.02	0.0
56977	-800.3	2.3	176.0	-2.8	1997.9	-28.1	0.0179	0.0274	0.0179	97.63	63.76	97.63	0.00	-1.74	-4.11	0.0
56978	-812.5	2.6	178.9	-5.3	2021.5	-28.5	0.0388	0.0274	0.0283	45.46	64.49	62.26	0.00	-1.76	-4.16	0.0
56979	-820.0	1.8	139.1	-2.3	2068.2	-26.3	0.0179	0.0274	0.0179	99.76	65.15	99.76	0.00	-1.78	-4.25	0.0
56980	-811.0	1.8	172.3	-4.9	2096.0	-26.6	0.0388	0.0274	0.0283	47.24	67.01	64.69	0.00	-1.83	-4.31	0.0
56981	-844.6	1.4	115.5	-1.5	2140.5	-25.0	0.0179	0.0274	0.0179	102.36	66.85	102.36	0.00	-1.83	-4.39	0.0
56982	-821.6	1.2	171.7	-3.9	2170.4	-25.4	0.0388	0.0274	0.0283	48.99	69.49	67.09	0.00	-1.90	-4.45	0.0
56983	-870.0	1.1	101.9	-0.7	2214.3	-24.1	0.0179	0.0274	0.0179	105.36	68.81	105.36	0.00	-1.88	-4.53	0.0
56984	-839.3	0.9	172.2	-2.9	2245.8	-24.4	0.0388	0.0274	0.0283	50.71	71.94	69.45	0.00	-1.97	-4.60	0.0
56985	-894.1	1.0	94.5	0.4	2288.6	-23.3	0.0179	0.0274	0.0179	108.65	70.95	108.65	0.00	-1.94	-4.68	0.0
56986	-860.3	0.9	173.1	-2.3	2322.3	-23.6	0.0388	0.0274	0.0283	52.44	74.38	71.81	0.00	-2.03	-4.76	0.0
56987	-916.0	1.0	90.3	0.6	2363.1	-22.6	0.0179	0.0274	0.0179	112.09	73.20	112.09	0.00	-2.00	-4.83	0.0
56988	-882.4	0.9	173.8	-2.2	2399.6	-22.9	0.0388	0.0274	0.0283	54.17	76.84	74.18	0.00	-2.10	-4.91	0.0
56989	-935.7	1.1	87.4	0.6	2437.4	-21.9	0.0179	0.0274	0.0179	115.63	75.51	115.63	0.00	-2.07	-4.98	0.0
56990	-904.4	0.8	172.7	-2.9	2477.7	-22.2	0.0388	0.0274	0.0283	55.89	79.29	76.55	0.00	-2.17	-5.07	0.0
56991	-953.4	1.1	85.4	-1.5	2511.7	-21.2	0.0179	0.0274	0.0179	119.23	77.87	119.23	0.00	-2.13	-5.13	0.0
56992	-926.3	0.8	166.5	-4.3	2557.0	-21.4	0.0388	0.0274	0.0283	57.57	81.67	78.84	0.00	-2.23	-5.23	0.0
56993	-969.7	1.1	83.8	-3.2	2585.6	-20.3	0.0179	0.0274	0.0179	122.87	80.24	122.87	0.00	-2.19	-5.28	0.0
56994	-948.4	1.0	150.6	-6.3	2637.5	-20.5	0.0388	0.0274	0.0283	59.13	83.87	80.97	0.00	-2.29	-5.39	0.0
56995	-985.5	1.1	80.7	-5.1	2658.3	-19.3	0.0179	0.0274	0.0179	126.39	82.54	126.39	0.00	-2.26	-5.42	0.0
56996	-971.1	1.1	122.4	-8.5	2716.9	-19.6	0.0388	0.0274	0.0283	60.46	85.77	82.80	0.00	-2.35	-5.54	0.0
56997	-1002.1	0.9	73.2	-6.3	2726.4	-18.3	0.0179	0.0274	0.0179	129.51	84.58	129.51	0.00	-2.31	-5.56	0.0
56998	-993.8	1.0	88.9	-9.8	2787.5	-18.4	0.0388	0.0274	0.0283	61.49	87.23	84.22	0.00	-2.39	-5.68	0.0
56999	-1020.3	0.2	56.5	-7.3	2782.2	-16.7	0.0179	0.0274	0.0179	131.60	85.94	131.60	0.00	-2.35	-5.67	0.0
57000	-1015.0	0.3	59.2	-10.0	2833.4	-17.1	0.0388	0.0274	0.0283	61.98	87.92	84.88	0.00	-2.41	-5.77	0.0
57001	-1039.7	-1.1	24.7	-10.8	2811.1	-14.4	0.0179	0.0274	0.0179	131.70	86.01	131.70	0.00	-2.35	-5.72	0.0
57002	-1031.7	0.0	24.6	-11.6	2830.2	19.2	0.0388	0.0274	0.0283	61.19	86.81	83.80	0.00	-2.38	-5.76	0.0
57003	-1054.6	3.9	-29.8	28.6	2791.5	22.0	0.0179	0.0274	0.0179	128.49	83.91	128.49	0.00	-2.29	-5.68	0.0
57004	-1040.6	3.0	-36.0	23.8	2770.6	-12.4	0.0388	0.0274	0.0283	58.66	83.22	80.34	0.00	-2.27	-5.63	0.0
57005	-1015.1	-1.2	-119.8	40.2	2739.8	-66.4	0.0179	0.0274	0.0179	123.60	80.72	123.60	0.00	-2.21	-5.55	0.0
57006	-1045.9	16.6	-142.9	71.0	2705.2	52.3	0.0388	0.0274	0.0283	55.42	78.62	75.90	0.00	-2.14	-5.49	0.0
57007	-786.2	147.5	-223.4	119.9	2791.3	402.1	0.0357	0.0274	0.0179	66.18	86.43	132.35	0.00	-2.27	-5.69	0.0
57008	-877.8	97.4	-246.6	-87.3	2644.5	-81.6	0.0567	0.0274	0.0283	37.18	77.03	74.37	0.00	-2.02	-5.33	0.0
57009	-212.1	153.1	403.4	44.3	1478.3	178.8	0.0447	0.0274	0.0179	36.36	59.36	90.90	0.00	-1.49	-3.04	0.0
57010	171.5	173.7	463.6	224.6	-1274.5	85.2	0.0656	0.0274	0.0283	24.46	58.67	56.64	0.00	-1.39	-2.61	0.0
57011	-81.0	-4.8	553.3	64.2	1642.0	-11.8	0.0268	0.0274	0.0179	71.21	69.76	106.81	0.00	-1.91	-3.35	0.0
57012	-100.2	1.9	557.8	-34.3	1444.9	38.8	0.0478	0.0274	0.0283	35.82	62.51	60.35	0.00	-1.71	-2.97	0.0
57013	-12.8	5.8	556.0	23.7	1746.3	-40.4	0.0268	0.0274	0.0179	76.13	74.58	114.20	0.00	-2.03	-3.54	0.0
57014	-134.3	3.5	516.1	40.4	1634.0	-24.8	0.0478	0.0274	0.0283	38.88	67.85	65.51	0.00	-1.85	-3.33	0.0
57015	21.5	5.0	478.5	15.1	1812.9	-42.5	0.0268	0.0274	0.0179	77.50	75.91	116.24	0.00	-2.07	-3.66	0.0
57016	-135.7	2.0	374.3	13.0	1776.6	-41.4	0.0478	0.0274	0.0283	40.09	69.95	67.53	0.00	-1.91	-3.59	0.0
57017	-2.2	5.0	386.6	-14.0	1859.4	-41.6	0.0268	0.0274	0.0179	76.94	75.37	115.41	0.00	-2.06	-3.74	0.0
57018	-132.2	3.9	244.4	7.4	1865.9	-38.9	0.0478	0.0274	0.0283	40.45	70.59	68.15	0.00	-1.93	-3.75	0.0
57019	-63.9	3.9	308.3	-15.4	1905.1	-38.4	0.0268	0.0274	0.0179	75.99	74.44	113.98	0.00	-2.03	-3.83	0.0
57020	-152.7	3.0	166.7	-6.8	1924.9	-35.9	0.0478	0.0274	0.0283	40.60	70.85	68.40	0.00	-1.94	-3.86	0.0
57021	-144.9	2.6	251.3	-14.5	1956.6	-36.7	0.0268	0.0274	0.0179	75.37	73.83	113.05	0.00	-2.02	-3.93	0.0
57022	-198.6	1.8	140.9	-5.8	1977.1	-34.0	0.0478	0.0274	0.0283	40.96	71.47	69.00	0.00	-1.95	-3.97	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
57023	-233.2	1.9	214.4	-13.0	2014.3	-35.7	0.0268	0.0274	0.0179	75.27	73.74	112.91	0.00	-2.02	-4.05	0.0
57024	-262.3	0.9	138.4	-4.1	2032.8	-33.0	0.0478	0.0274	0.0283	41.48	72.39	69.89	0.00	-1.98	-4.09	0.0
57025	-321.0	1.6	193.1	-11.6	2077.1	-35.0	0.0268	0.0274	0.0179	75.71	74.16	113.56	0.00	-2.03	-4.19	0.0
57026	-335.0	0.5	140.1	-2.5	2094.0	-32.3	0.0478	0.0274	0.0283	42.09	73.46	70.92	0.00	-2.01	-4.22	0.0
57027	-402.1	1.5	181.5	-10.6	2143.1	-34.3	0.0179	0.0274	0.0179	114.88	75.02	114.88	0.00	-2.05	-4.33	0.0
57028	-408.0	0.2	141.8	-1.3	2159.7	-31.6	0.0388	0.0274	0.0283	52.66	74.70	72.12	0.00	-2.04	-4.35	0.0
57029	-470.7	1.5	174.6	-10.2	2211.0	-33.8	0.0179	0.0274	0.0179	116.76	76.25	116.76	0.00	-2.09	-4.47	0.0
57030	-473.3	0.2	143.8	-0.5	2227.9	-31.1	0.0388	0.0274	0.0283	53.70	76.18	73.54	0.00	-2.08	-4.50	0.0
57031	-522.7	1.5	169.3	-10.3	2280.0	-33.2	0.0179	0.0274	0.0179	119.18	77.83	119.18	0.00	-2.13	-4.61	0.0
57032	-525.6	0.2	146.0	-0.3	2297.8	-30.6	0.0388	0.0274	0.0283	54.93	77.93	75.23	0.00	-2.13	-4.64	0.0
57033	-558.0	1.4	164.0	-11.1	2350.4	-32.7	0.0179	0.0274	0.0179	122.06	79.71	122.06	0.00	-2.18	-4.76	0.0
57034	-564.1	0.3	147.2	-0.9	2369.5	-30.1	0.0388	0.0274	0.0283	56.36	79.95	77.18	0.00	-2.19	-4.79	0.0
57035	-581.0	1.3	158.1	-12.8	2423.0	-32.1	0.0179	0.0274	0.0179	125.33	81.85	125.33	0.00	-2.24	-4.90	0.0
57036	-592.4	0.3	144.2	-2.3	2445.1	-29.4	0.0388	0.0274	0.0283	57.93	82.17	79.33	0.00	-2.25	-4.95	0.0
57037	-596.7	1.2	152.0	-15.5	2499.3	-31.0	0.0268	0.0274	0.0179	85.99	84.24	128.99	0.00	-2.30	-5.05	0.0
57038	-615.5	0.4	132.3	-4.7	2527.5	-28.4	0.0478	0.0274	0.0283	48.45	84.54	81.62	0.00	-2.31	-5.11	0.0
57039	-609.1	1.2	145.1	-19.4	2581.4	-29.2	0.0268	0.0274	0.0179	88.68	86.87	133.02	0.00	-2.38	-5.22	0.0
57040	-636.8	0.5	107.3	-8.1	2620.0	-26.6	0.0478	0.0274	0.0283	49.87	87.03	84.02	0.00	-2.38	-5.29	0.0
57041	-620.5	1.4	134.6	-23.5	2669.8	-26.4	0.0268	0.0274	0.0179	91.54	89.67	137.30	0.00	-2.45	-5.39	0.0
57042	-657.8	0.5	76.9	-11.6	2722.0	-23.9	0.0478	0.0274	0.0283	51.44	89.76	86.66	0.00	-2.46	-5.49	0.0
57043	-631.7	1.2	115.0	-25.4	2761.7	-22.9	0.0268	0.0274	0.0179	94.33	92.41	141.50	0.00	-2.53	-5.57	0.0
57044	-677.1	0.2	54.6	-12.9	2823.7	-21.1	0.0478	0.0274	0.0283	53.11	92.68	89.47	0.00	-2.54	-5.69	0.0
57045	-642.4	0.9	78.0	-21.8	2845.5	27.7	0.0268	0.0274	0.0179	96.47	94.50	144.70	0.00	-2.58	-5.74	0.0
57046	-689.1	-0.5	31.9	-11.8	2896.1	31.8	0.0478	0.0274	0.0283	54.23	94.64	91.37	0.00	-2.59	-5.84	0.0
57047	-650.9	4.4	14.2	-17.6	2893.6	45.5	0.0268	0.0274	0.0179	96.78	94.81	145.17	0.00	-2.59	-5.83	0.0
57048	-680.2	5.5	-9.9	28.6	2907.8	19.2	0.0478	0.0274	0.0283	54.07	94.36	91.10	0.00	-2.58	-5.85	0.0
57049	-642.9	14.9	-85.7	41.0	2898.7	-23.6	0.0268	0.0274	0.0179	95.04	93.10	142.56	0.00	-2.53	-5.82	0.0
57050	-655.3	33.4	-91.7	57.3	2852.2	75.8	0.0478	0.0274	0.0283	52.27	91.21	88.06	0.00	-2.47	-5.74	0.0
57051	-672.9	113.3	-195.9	56.3	2873.5	351.6	0.0447	0.0274	0.0179	55.65	90.85	139.11	0.00	-2.40	-5.82	0.0
57052	-514.1	116.1	-172.4	-124.0	2704.7	-97.5	0.0656	0.0274	0.0283	36.23	86.88	83.88	0.00	-2.27	-5.43	0.0
57053	893.6	169.7	561.6	-46.7	1363.4	152.7	0.0447	0.0274	0.0179	47.08	76.86	117.69	0.00	-1.91	-2.77	0.0
57054	1425.3	252.3	645.4	388.4	-1289.9	63.7	0.0656	0.0274	0.0283	36.84	88.36	85.30	0.00	-2.08	-2.85	0.0
57055	1023.8	-4.5	739.5	118.3	1592.7	-18.3	0.0268	0.0274	0.0179	92.62	90.73	138.93	0.00	-2.48	-3.21	0.0
57056	911.6	-7.9	663.7	24.3	1452.1	-91.6	0.0478	0.0274	0.0283	47.03	82.07	79.23	0.00	-2.24	-2.93	0.0
57057	1023.9	-0.2	712.6	41.8	1709.5	-60.7	0.0268	0.0274	0.0179	96.42	94.45	144.63	0.00	-2.58	-3.44	0.0
57058	796.8	9.3	522.0	36.8	1685.6	-77.9	0.0478	0.0274	0.0283	49.23	85.90	82.93	0.00	-2.34	-3.39	0.0
57059	962.4	-0.2	585.7	30.9	1752.1	-47.9	0.0268	0.0274	0.0179	94.61	92.68	141.91	0.00	-2.53	-3.53	0.0
57060	738.3	9.5	312.9	10.8	1788.3	-68.5	0.0478	0.0274	0.0283	48.73	85.03	82.09	0.00	-2.32	-3.61	0.0
57061	836.2	2.8	463.6	25.7	1772.7	-39.8	0.0268	0.0274	0.0179	90.73	88.88	136.10	0.00	-2.43	-3.57	0.0
57062	674.1	7.5	167.5	-12.4	1822.2	-54.0	0.0478	0.0274	0.0283	47.35	82.63	79.78	0.00	-2.25	-3.68	0.0
57063	687.3	4.5	376.5	28.9	1798.7	-37.1	0.0268	0.0274	0.0179	87.19	85.41	130.78	0.00	-2.33	-3.61	0.0
57064	580.2	4.9	93.9	-10.2	1842.8	-50.1	0.0478	0.0274	0.0283	45.99	80.26	77.49	0.00	-2.19	-3.72	0.0
57065	532.5	5.0	324.1	32.7	1834.4	-36.7	0.0268	0.0274	0.0179	84.51	82.79	126.77	0.00	-2.26	-3.68	0.0
57066	462.8	3.1	75.5	-6.7	1871.5	-49.4	0.0478	0.0274	0.0283	45.05	78.61	75.89	0.00	-2.15	-3.76	0.0
57067	379.9	5.3	296.9	35.9	1879.7	-36.5	0.0268	0.0274	0.0179	82.76	81.07	124.13	0.00	-2.21	-3.76	0.0
57068	332.8	2.3	77.8	-3.8	1912.4	-49.1	0.0478	0.0274	0.0283	44.45	77.56	74.88	0.00	-2.12	-3.83	0.0
57069	235.0	5.5	283.0	38.5	1932.0	-36.2	0.0268	0.0274	0.0179	81.73	80.07	122.60	0.00	-2.18	-3.87	0.0
57070	200.4	2.0	80.2	-1.9	1963.0	-48.6	0.0478	0.0274	0.0283	44.07	76.91	74.25	0.00	-2.10	-3.93	0.0
57071	104.1	5.6	274.7	40.6	1988.7	-35.8	0.0179	0.0274	0.0179	121.97	79.66	121.97	0.00	-2.17	-3.98	0.0
57072	75.5	1.8	81.9	-0.9	2019.4	-48.1	0.0388	0.0274	0.0283	54.06	76.69	74.04	0.00	-2.10	-4.04	0.0
57073	-5.1	5.7	268.6	42.3	2048.0	-35.5	0.0179	0.0274	0.0179	122.22	79.81	122.22	0.00	-2.18	-4.11	0.0
57074	-31.7	1.7	84.2	-0.5	2078.8	-47.6	0.0388	0.0274	0.0283	54.26	76.97	74.31	0.00	-2.10	-4.16	0.0
57075	-86.4	5.8	262.9	43.7	2109.0	-35.2	0.0179	0.0274	0.0179	123.35	80.55	123.35	0.00	-2.20	-4.23	0.0
57076	-113.4	1.7	87.6	0.7	2139.7	-47.1	0.0388	0.0274	0.0283	54.86	77.82	75.13	0.00	-2.13	-4.29	0.0
57077	-140.0	5.9	256.4	44.7	2172.3	-35.1	0.0179	0.0274	0.0179	125.31	81.83	125.31	0.00	-2.23	-4.36	0.0
57078	-169.5	1.8	91.4	0.7	2202.4	-46.8	0.0388	0.0274	0.0283	55.84	79.21	76.47	0.00	-2.17	-4.41	0.0
57079	-172.9	5.9	247.7	45.2	2239.5	-34.8	0.0179	0.0274	0.0179	127.95	83.56	127.95	0.00	-2.28	-4.50	0.0
57080	-206.7	1.9	93.4	-1.0	2269.8	-46.4	0.0388	0.0274	0.0283	57.15	81.07	78.27	0.00	-2.22	-4.55	0.0
57081	-193.2	5.6	235.7	44.7	2314.1	-34.3	0.0268	0.0274	0.0179	87.48	85.70	131.22	0.00	-2.34	-4.65	0.0
57082	-233.5	1.9	88.9	-3.4	2347.1	-45.6	0.0478	0.0274	0.0283	47.76	83.35	80.46	0.00	-2.28	-4.71	0.0
57083	-207.0	4.9	220.6	43.2	2401.1	-32.6	0.0268	0.0274	0.0179	90.17	88.33	135.26	0.00	-2.41	-4.82	0.0
57084	-256.3	1.9	72.2	-7.7	2442.8	-43.5	0.0478	0.0274	0.0283	49.35	86.12	83.14	0.00	-2.36	-4.90	0.0
57085	-217.4	3.6	203.5	40.5	2506.1	-29.2	0.0268	0.0274	0.0179	93.55	91.64	140.33	0.00	-2.50	-5.03	0.0
57086	-278.2	2.0	51.7	-14.0	2565.9	-39.0	0.0478	0.0274	0.0283	51.48	89.84	86.73	0.00	-2.46	-5.14	0.0
57087	-225.1	1.6	181.5	38.3	2632.2	-23.8	0.0268	0.0274	0.0179	97.67	95.67	146.50	0.00	-2.62	-5.28	0.0
57088	-299.2	2.1	42.8	-20.4	2719.6	-32.6	0.0478	0.0274	0.0283	54.39	94.91	91.63	0.00	-2.60	-5.45	0.0
57089	-229.6	-1.0	146.1	43.5	2776.4	35.9	0.0268	0.0274	0.0179	102.28	100.20	153.43	0.00	-2.74	-5.57	0.0
57090	-314.9	1.7	36.0	-20.5	2885.5	52.9	0.0478	0.0274	0.0283	57.61	100.54	97.07	0.00	-2.75	-5.78	0.0
57091	-234.3	6.8	82.2	63.2	2902.6	67.2	0.0268	0.0274	0.0179	105.71	103.55	158.56	0.00	-2.83	-5.82	0.0
57092	-308.3	2.7	19.2	-20.1	2995.4	71.8	0.0478	0.0274	0.0283	59.80	104.35	100.74	0.00	-2.85	-6.00	0.0
57093	-229.3	46.2	-29.0	118.4	2923.7	-12.0	0.0268	0.0274	0.0179	104.38	102.25	156.57	0.00	-2.75	-5.86	0.0
57094	-270.0	31.2	-37.0	45.0	2924.9	140.4	0.0478	0.0274	0.0283	58.21	101.59	98.07	0.00	-2.75	-5.86	0.0
57095	-292.3	113.5	-166.5	89.3	2786.5	291.9	0.0447	0.0274	0.0179	57.91	94.55	144.78	0.00	-2.50	-5.61	0.0
57096	-58.8	139.7	-114.3	-179.6	2652.3	-97.0	0.0656	0.0274	0.0283	39.34	94.34	91.07	0.00	-2.46	-5.32	0.0
57097	2066.2	374.0	974.1	176.1	-1304.6	-211.6	0.0447	0.0274	0.0179	66.28	108.21	165.69	0.00	-2.59	-2.88	0.0
57098	2840.5	380.4	840.4	627.9	-1274.1	-73.4	0.0656	0.0274	0.0283	54.43	130.53	126.02	0.00	-3.12	-3.53	0.0
57099	2241.9	107.6	1181.6	195.5	1528.2	-231.1	0.0268	0.0274	0.0179	124.19	121.66	186.29	0.00	-2.93	-3.53	0.0
57100	2015.4	-17.3	661.4	42.3	1388.5	-121.9	0.0478	0.0274	0.0283	60.38	105.36	101.72	0.00	-2.84	-3.15	0.0
57101	2137.6	122.4	946.7	-218.8	1693.1	-173.5	0.0268	0.0274	0.0179	125.37	122.81	188.05	0.00	-3.26	-3.61	0.0
57102	1840.7	55.5	387.6	78.3	1566.3	-69.1	0.0478	0.0274	0.0283	59.49	103.82	100.23	0.00	-2.77	-3.47	0.0
57103	1925.1	85.7	694.1	-254.5	1720.8	-103.0	0.0268	0.0274	0.0179	117.89	115.48	176.83	0.00	-3.09	-3.68	0.0
57104	1675.4	30.5	167.9	-96.8	1569.4	-34.9	0.0478	0.0274	0.0283	55.83	97.44	94.07	0.00	-2.64	-3.49	0.0
57105	1685.5	67.9	531.7	-264.7	1729.9	-79.9	0.0268	0.0274	0.0179	110.26	108.01	165.39	0.00	-2.90	-3.68	0.0
57106	1512.8	23.9	73.8	-96.0	1553.0	-26.5	0.0478	0.0274	0.0283	52.53	91.66	88.49	0.00	-2.49	-3.43	0.0
57107	1451.3	64.2	446.1	-261.7	1741.6	-76.2	0.0268	0.0274	0.0179	103.90	101.78	155.84	0.00	-2.73	-3.66	0.0
57108	1334.0	20.4	57.0	-91.8	1550.5	-26.9	0.0478	0.0274	0.0283	49.75	86.81	83.81	0.00	-2.36	-3.36	0.0
57109	1227.9	63.1	410.8	-259.1	1765.3	-76.3	0.0268	0.0274	0.0179	99.06	97.03	148.58	0.00	-2.61	-3.66	0.0
57110	1145.3	19.4	61.5	-87.6	1567.5	-27.4	0.0478	0.0274	0.0283	47.43	82.77	79.91	0.00	-2.25	-3.32	0.0
57111	1016.6	62.6	396.3	-259.0	1800.6	-76.3	0.0268	0.0274	0.0179	95.42	93.47	143.13	0.00	-2.51	-3.69	0.0
57112	953.6	18.9	63.4	-85.2	1599.2	-27.5	0.0478	0.0274	0.0283	45.48	79.36	76.62	0.00	-2.16	-3.32	0.0
57113	819.4	61.9	388.0	-261.3	1844.3	-75.8	0.0268	0.0274	0.0179	92.71	90.82	139.07	0.00	-2.44	-3.75	0.0
57114	766.8	18.6	63.8	-84.5	1639.9	-27.5	0.0478	0.0274	0.0283	43.88	76.58	73.93	0.00	-2.08	-3.36	0.0
57115	642.4	61.1	381.4	-265.4	1893.1	-75.1	0.0179	0.0274	0.0179	136.24	88.97	136.24	0.00	-2.39	-3.83	0.0
57116	594.4	18.2	64.5	-85.0	1685.0	-27.4	0.0388	0.0274	0.0283	52.51	74.49	71.91	0.00	-2.02	-3.42	0.0
57117	494.9	60.3	375.5	-271.0	1945.0	-74.5	0.0179	0.0274	0.0179	134.68	87.96	134.68	0.00	-2.36	-3.93	0.0
57118	448.3	18.0	66.7	-86.2	1731.7	-27.4	0.0388	0.0274	0.0283	51.60	73.20	70.66	0.00	-1.99	-3.49	0.0
57119	384.7	59.5	369.9	-277.9	1999.4	-74.0	0.0179	0.0274	0.0179	134.47	87.82	134.47	0.00	-2.36	-4.04	0.0
57120	338.1	17.8	70.8	-88.2	1778.7	-27.5	0.0388	0.0274	0.0283	51.30	72.78	70.26	0.00	-1.98	-3.57	0.0
57121	311.4	59.0	364.0	-286.4	2056.9	-73.8	0.0179	0.0274	0.0179	135.52	88.51	135.52	0.00	-2.38	-4.15	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
57122	263.8	17.6	76.6	-91.0	1826.0	-28.0	0.0388	0.0274	0.0283	51.58	73.16	70.64	0.00	-1.99	-3.66	0.0
57123	266.3	58.4	356.1	-297.3	2120.1	-73.7	0.0179	0.0274	0.0179	137.65	89.90	137.65	0.00	-2.42	-4.28	0.0
57124	216.2	17.5	83.1	-95.0	1876.0	-28.7	0.0388	0.0274	0.0283	52.31	74.20	71.64	0.00	-2.02	-3.76	0.0
57125	238.6	57.5	343.4	-312.2	2194.0	-73.3	0.0268	0.0274	0.0179	93.83	91.92	140.75	0.00	-2.47	-4.43	0.0
57126	183.8	17.3	87.9	-101.2	1933.8	-29.7	0.0478	0.0274	0.0283	43.44	75.80	73.18	0.00	-2.06	-3.87	0.0
57127	219.9	55.6	322.8	-333.2	2286.9	-71.6	0.0268	0.0274	0.0179	96.64	94.67	144.96	0.00	-2.55	-4.62	0.0
57128	157.8	16.7	85.4	-110.9	2008.8	-30.5	0.0478	0.0274	0.0283	44.72	78.03	75.33	0.00	-2.12	-4.02	0.0
57129	205.7	51.6	294.6	-362.7	2409.9	-66.4	0.0268	0.0274	0.0179	100.53	98.48	150.79	0.00	-2.66	-4.88	0.0
57130	133.2	15.4	66.2	-125.5	2115.7	-29.6	0.0478	0.0274	0.0283	46.51	81.16	78.36	0.00	-2.21	-4.24	0.0
57131	194.8	44.9	265.7	-400.5	2573.5	-55.9	0.0268	0.0274	0.0179	105.98	103.81	158.96	0.00	-2.81	-5.21	0.0
57132	108.4	13.9	37.2	-144.3	2271.9	-25.1	0.0478	0.0274	0.0283	49.23	85.91	82.94	0.00	-2.34	-4.55	0.0
57133	188.7	40.3	237.3	-435.1	2776.1	63.6	0.0268	0.0274	0.0179	112.37	110.07	168.55	0.00	-2.95	-5.62	0.0
57134	85.9	12.7	26.7	-162.1	2484.6	22.5	0.0478	0.0274	0.0283	53.29	92.99	89.78	0.00	-2.53	-4.98	0.0
57135	184.1	40.6	197.7	-441.2	2998.0	165.8	0.0268	0.0274	0.0179	119.40	116.97	179.11	0.00	-3.11	-6.07	0.0
57136	80.1	17.9	26.7	-141.9	2734.5	53.2	0.0478	0.0274	0.0283	58.41	101.93	98.40	0.00	-2.77	-5.48	0.0
57137	191.8	21.4	100.8	-287.6	3067.3	253.7	0.0268	0.0274	0.0179	119.89	117.45	179.84	0.00	-3.14	-6.18	0.0
57138	104.2	-0.8	-7.9	-68.3	2806.7	138.4	0.0478	0.0274	0.0283	59.81	104.37	100.76	0.00	-2.85	-5.62	0.0
57139	126.1	172.7	-84.5	-142.6	2590.9	350.5	0.0447	0.0274	0.0179	58.68	95.81	146.70	0.00	-2.41	-5.24	0.0
57140	436.5	186.4	-79.8	-288.5	2518.8	-131.2	0.0656	0.0274	0.0283	41.84	100.34	96.87	0.00	-2.59	-5.10	0.0
57141	964.3	-15.8	-376.4	143.2	1670.2	-61.5	0.0357	0.0274	0.0179	58.67	76.63	117.33	0.00	-2.10	-3.61	0.0
57142	940.8	-10.4	-345.6	-106.2	1604.3	57.9	0.0357	0.0274	0.0179	56.72	74.09	113.45	0.00	-2.03	-3.47	0.0
57143	1068.1	-12.1	-438.7	125.5	1353.6	-67.6	0.0357	0.0274	0.0179	52.22	68.21	104.45	0.00	-1.87	-3.11	0.0
57144	1024.1	-12.9	-435.3	-91.8	1296.4	62.5	0.0357	0.0274	0.0179	49.89	65.16	99.78	0.00	-1.79	-2.98	0.0
57145	1102.6	9.2	-351.7	106.9	1049.2	-75.7	0.0357	0.0274	0.0179	46.28	60.44	92.56	0.00	-1.63	-2.57	0.0
57146	1039.0	3.3	-412.9	-86.1	1011.0	68.9	0.0357	0.0274	0.0179	43.62	56.97	87.23	0.00	-1.55	-2.50	0.0
57147	1045.0	54.5	-114.0	75.0	740.3	-93.6	0.0357	0.0274	0.0179	39.34	51.38	78.68	0.00	-1.33	-1.91	0.0
57148	980.5	34.3	-195.3	-88.4	720.1	92.5	0.0357	0.0274	0.0179	37.03	48.36	74.05	0.00	-1.27	-1.89	0.0
57149	928.5	206.9	39.0	166.6	386.4	148.8	0.0357	0.0274	0.0179	31.35	40.95	62.70	0.00	-0.94	-1.25	0.0
57150	979.5	198.4	-3.9	-266.6	348.0	133.9	0.0357	0.0274	0.0179	31.90	41.67	63.81	0.00	-0.88	-1.37	0.0
57151	508.9	79.7	-523.4	-12.4	1851.0	-84.5	0.0357	0.0274	0.0179	53.61	70.03	107.23	0.00	-1.84	-3.85	0.0
57152	492.4	80.2	-516.5	27.6	1788.8	91.9	0.0357	0.0274	0.0179	51.76	67.60	103.51	0.00	-1.77	-3.72	0.0
57153	537.4	69.5	-663.7	-12.8	1417.8	-88.4	0.0357	0.0274	0.0179	41.38	54.05	82.76	0.00	-1.41	-3.08	0.0
57154	473.8	73.3	-662.6	25.0	1367.7	87.3	0.0357	0.0274	0.0179	38.90	50.80	77.79	0.00	-1.32	-2.97	0.0
57155	496.6	27.9	-756.4	-9.1	1055.6	-74.2	0.0357	0.0274	0.0179	30.76	40.17	61.52	0.00	-1.07	-2.46	0.0
57156	407.5	34.5	-759.3	10.9	1024.1	62.3	0.0357	0.0274	0.0179	28.10	36.70	56.20	0.00	-0.97	-2.36	0.0
57157	452.8	19.8	-649.2	-40.3	778.4	-59.5	0.0357	0.0274	0.0179	24.07	31.43	48.13	0.00	-0.84	-1.91	0.0
57158	374.1	20.1	-635.7	21.9	753.4	57.1	0.0357	0.0274	0.0179	21.79	28.46	43.58	0.00	-0.76	-1.82	0.0
57159	408.8	141.9	-463.1	120.2	601.3	91.8	0.0357	0.0274	0.0179	21.03	27.47	42.07	0.00	-0.65	-1.52	0.0
57160	495.8	165.5	-425.4	-218.6	556.5	-76.1	0.0357	0.0274	0.0179	23.41	30.57	46.81	0.00	-0.75	-1.52	0.0
57161	-181.1	-34.3	-620.9	-14.5	1935.5	314.2	0.0357	0.0274	0.0179	43.97	57.43	87.94	0.00	-1.61	-3.95	0.0
57162	-179.5	-41.9	-659.2	83.2	1897.0	-294.8	0.0357	0.0274	0.0179	42.08	54.97	84.17	0.00	-1.52	-3.87	0.0
57163	-176.2	-51.4	-790.8	-22.7	1381.1	229.8	0.0357	0.0274	0.0179	26.51	34.62	53.02	0.00	-0.99	-2.87	0.0
57164	-225.9	-62.7	-843.3	55.3	1336.3	-268.6	0.0357	0.0274	0.0179	23.89	31.21	47.78	0.00	-0.90	-2.79	0.0
57165	-198.9	-56.3	-906.3	-55.8	1060.6	150.1	0.0357	0.0274	0.0179	15.90	20.77	31.80	0.00	-0.61	-2.25	0.0
57166	-277.7	-65.5	-955.8	40.9	1013.8	-194.1	0.0357	0.0274	0.0179	13.00	16.98	26.00	0.00	-0.52	-2.17	0.0
57167	-201.1	-55.8	-922.6	-74.7	847.9	98.3	0.0357	0.0274	0.0179	10.07	13.15	20.13	0.00	-0.41	-1.85	0.0
57168	-269.4	-66.4	-949.8	25.1	791.9	-151.4	0.0357	0.0274	0.0179	7.40	9.66	14.80	0.00	-0.33	-1.75	0.0
57169	-241.9	22.3	-702.0	-50.8	698.4	119.5	0.0357	0.0274	0.0179	7.47	9.75	14.94	0.00	-0.24	-1.49	0.0
57170	-201.0	24.9	-712.2	-134.6	649.1	-186.3	0.0357	0.0274	0.0179	10.51	13.73	21.02	0.00	-0.48	-1.54	0.0
57171	-1320.9	9.4	-117.8	97.3	994.9	-59.9	0.0179	0.0274	0.0179	24.80	16.20	24.80	0.00	-0.43	-2.33	0.0
57172	-1310.5	29.5	48.2	-59.1	972.0	-34.6	0.0357	0.0274	0.0179	15.70	20.50	31.40	0.00	-0.54	-2.38	0.0
57173	-1388.1	22.5	-32.3	99.1	1129.2	-39.4	0.0179	0.0274	0.0179	33.97	22.19	33.97	0.00	-0.58	-2.64	0.0
57174	-1376.9	41.3	125.0	-64.7	1106.5	-30.2	0.0179	0.0274	0.0179	40.07	26.17	40.07	0.00	-0.68	-2.68	0.0
57175	-1451.0	26.6	-24.9	105.1	1274.4	-22.7	0.0179	0.0274	0.0179	40.51	26.46	40.51	0.00	-0.69	-2.93	0.0
57176	-1440.8	42.9	123.7	-72.7	1249.0	-21.0	0.0179	0.0274	0.0179	45.82	29.92	45.82	0.00	-0.78	-2.95	0.0
57177	-1506.5	25.0	-44.7	113.4	1421.1	-24.8	0.0179	0.0274	0.0179	46.12	30.12	46.12	0.00	-0.80	-3.20	0.0
57178	-1497.4	39.5	98.8	-80.3	1391.6	-20.0	0.0179	0.0274	0.0179	50.85	33.21	50.85	0.00	-0.87	-3.21	0.0
57179	-1561.1	22.3	-68.8	122.1	1563.3	-31.2	0.0179	0.0274	0.0179	51.42	33.58	51.42	0.00	-0.89	-3.47	0.0
57180	-1552.2	35.5	70.6	-88.0	1531.3	-23.9	0.0179	0.0274	0.0179	55.77	36.42	55.77	0.00	-0.96	-3.47	0.0
57181	-1612.9	19.0	-89.1	130.6	1695.5	-36.1	0.0179	0.0274	0.0179	56.48	36.89	56.48	0.00	-0.99	-3.73	0.0
57182	-1603.7	31.5	43.6	-95.4	1663.0	-27.2	0.0179	0.0274	0.0179	60.48	39.50	60.48	0.00	-1.05	-3.72	0.0
57183	-1656.9	15.7	-102.8	138.8	1815.6	-39.2	0.0179	0.0274	0.0179	61.37	40.08	61.37	0.00	-1.08	-3.96	0.0
57184	-1647.4	27.4	19.1	-101.9	1783.7	-29.1	0.0179	0.0274	0.0179	64.91	42.39	64.91	0.00	-1.14	-3.94	0.0
57185	-1687.3	12.4	-110.6	146.5	1924.4	-41.1	0.0179	0.0274	0.0179	66.17	43.21	66.17	0.00	-1.17	-4.17	0.0
57186	-1677.2	23.1	-2.3	-107.6	1893.1	-29.7	0.0179	0.0274	0.0179	69.16	45.16	69.16	0.00	-1.22	-4.15	0.0
57187	-1696.9	9.4	-114.6	153.8	2023.5	-42.0	0.0179	0.0274	0.0179	71.00	46.37	71.00	0.00	-1.25	-4.35	0.0
57188	-1686.3	18.8	-20.4	-112.7	1992.5	-29.4	0.0179	0.0274	0.0179	73.42	47.95	73.42	0.00	-1.30	-4.33	0.0
57189	-1677.4	6.7	-116.8	160.8	2115.0	-42.4	0.0179	0.0274	0.0179	76.08	49.68	76.08	0.00	-1.35	-4.52	0.0
57190	-1666.6	14.7	-34.9	-117.4	2084.0	29.9	0.0179	0.0274	0.0179	77.69	50.74	77.69	0.00	-1.37	-4.48	0.0
57191	-1619.8	4.6	-118.1	167.6	2200.6	-42.6	0.0179	0.0274	0.0179	81.63	53.31	81.63	0.00	-1.45	-4.66	0.0
57192	-1609.2	11.3	-46.0	-121.8	2169.3	30.7	0.0179	0.0274	0.0179	82.79	54.07	82.79	0.00	-1.47	-4.62	0.0
57193	-1517.8	3.0	-119.2	174.1	2281.2	-42.6	0.0179	0.0274	0.0179	87.88	57.39	87.88	0.00	-1.56	-4.78	0.0
57194	-1507.9	9.1	-53.8	-126.1	2249.2	31.9	0.0179	0.0274	0.0179	88.65	57.90	88.65	0.00	-1.57	-4.73	0.0
57195	-1371.3	2.0	-120.8	180.3	2356.4	-42.6	0.0179	0.0274	0.0179	94.86	61.95	94.86	0.00	-1.69	-4.89	0.0
57196	-1362.7	8.3	-59.0	-130.4	2323.6	33.2	0.0179	0.0274	0.0179	95.35	62.27	95.35	0.00	-1.69	-4.83	0.0
57197	-1187.0	1.6	-123.3	186.0	2424.7	-42.4	0.0179	0.0274	0.0179	102.45	66.91	102.45	0.00	-1.82	-4.98	0.0
57198	-1180.2	8.1	-62.1	-134.6	2391.0	34.7	0.0179	0.0274	0.0179	102.73	67.09	102.73	0.00	-1.82	-4.92	0.0
57199	-974.2	1.4	-126.9	191.0	2483.1	-41.9	0.0179	0.0274	0.0179	110.37	72.08	110.37	0.00	-1.97	-5.05	0.0
57200	-969.3	8.2	-64.0	-138.5	2448.1	36.2	0.0179	0.0274	0.0179	110.50	72.16	110.50	0.00	-1.96	-4.99	0.0
57201	-741.6	1.3	-130.8	194.9	2526.9	-40.8	0.0179	0.0274	0.0179	118.27	77.24	118.27	0.00	-2.11	-5.11	0.0
57202	-739.0	8.2	-65.6	-142.0	2490.6	37.2	0.0179	0.0274	0.0179	118.23	77.21	118.23	0.00	-2.10	-5.03	0.0
57203	-497.0	1.3	-133.5	197.3	2550.1	-38.5	0.0179	0.0274	0.0179	125.69	82.08	125.69	0.00	-2.24	-5.13	0.0
57204	-497.0	8.0	-67.9	-144.7	2512.6	37.3	0.0179	0.0274	0.0179	125.42	81.91	125.42	0.00	-2.23	-5.05	0.0
57205	-247.1	1.1	-135.2	197.4	2545.5	-34.4	0.0179	0.0274	0.0179	132.07	86.25	132.07	0.00	-2.35	-5.11	0.0
57206	-250.3	7.6	-72.5	-146.3	2507.3	36.4	0.0179	0.0274	0.0179	131.49	85.87	131.49	0.00	-2.34	-5.03	0.0
57207	2.6	0.6	-140.0	194.6	2505.4	-28.2	0.0179	0.0274	0.0179	136.73	89.29	136.73	0.00	-2.44	-5.03	0.0
57208	-3.4	6.7	-83.1	-146.7	2467.1	35.6	0.0179	0.0274	0.0179	135.79	88.68	135.79	0.00	-2.42	-4.94	0.0
57209	251.8	-1.1	-157.8	188.0	2420.6	-25.0	0.0179	0.0274	0.0179	138.89	90.70	138.89	0.00	-2.48	-4.87	0.0
57210	245.5	4.9	-107.9	-144.4	2381.1	40.1	0.0179	0.0274	0.0179	137.58	89.85	137.58	0.00	-2.45	-4.78	0.0
57211	513.9	-4.4	-202.6	178.4	2264.4	-40.3	0.0179	0.0274	0.0179	137.26	89.64	137.26	0.00	-2.45	-4.60	0.0
57212	508.3	1.7	-159.2	-136.2	2218.5	54.2	0.0179	0.0274	0.0179	135.40	88.42	135.40	0.00	-2.41	-4.50	0.0
57213	774.5	-9.6	-283.5	164.6	1995.5	-54.2	0.0179	0.0274	0.0179	129.47	84.55	129.47	0.00	-2.32	-4.14	0.0
57214	764.9	-3.5	-245.8	-123.0	1938.8	59.4	0.0357	0.0274	0.0179	63.36	82.76	126.72	0.00	-2.26	-4.02	0.0
57215	-1311.6	12.5	47.7	-20.6	1172.6	-55.8	0.0179	0.0274	0.0179	40.75	26.61	40.75	0.00	-0.72	-2.72	0.0
57216	-1305.6	11.1	105.9	-11.7	1176.4	-64.2	0.0357	0.0274	0.0179	21.74	28.39	43.47	0.00	-0.77	-2.75	0.0
57217	-1399.1	3.2	120.1	-24.6	1343.8	-39.5	0.0179	0.0274	0.0179	50.72	33.13	50.72	0.00	-0.91	-3.09	0.0
57218	-1390.2	-1.8	190.8	-16.0	1345.3	-38.8	0.0179	0.0274	0.0179	53.85	35.17	53.85	0.00	-0.97	-3.12	0.0
57219	-1442.2	2.6	117.5	-22.1	1487.5	-19.0	0.0179	0.0274	0.0179	56.96	37.20	56.96	0.00	-1.02	-3.36	0.0
57220	-1432.4	1.2	203.2	14.9	1481.9	-17.0	0.0179	0.0274	0.0179	60.32	39.39	60.32	0.00	-1.08	-3.39	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
57221	-1475.2	1.8	96.3	-23.4	1633.7	-14.9	0.0179	0.0274	0.0179	62.89	41.07	62.89	0.00	-1.12	-3.63	0.0
57222	-1465.6	0.6	191.6	20.0	1622.9	-11.2	0.0179	0.0274	0.0179	66.31	43.31	66.31	0.00	-1.18	-3.64	0.0
57223	-1505.7	1.9	63.3	-25.6	1775.1	-18.4	0.0179	0.0274	0.0179	68.28	44.59	68.28	0.00	-1.22	-3.88	0.0
57224	-1496.1	0.4	161.8	22.9	1764.4	-17.2	0.0179	0.0274	0.0179	71.74	46.85	71.74	0.00	-1.28	-3.90	0.0
57225	-1533.0	2.0	28.3	-27.8	1906.7	-21.8	0.0179	0.0274	0.0179	73.23	47.82	73.23	0.00	-1.31	-4.12	0.0
57226	-1523.6	0.1	123.9	24.9	1898.7	-21.6	0.0179	0.0274	0.0179	76.65	50.06	76.65	0.00	-1.37	-4.14	0.0
57227	-1554.4	2.1	-3.0	-29.7	2026.7	-23.9	0.0179	0.0274	0.0179	77.90	50.88	77.90	0.00	-1.39	-4.34	0.0
57228	-1544.9	-0.2	85.5	26.4	2022.5	-24.4	0.0179	0.0274	0.0179	81.18	53.02	81.18	0.00	-1.45	-4.36	0.0
57229	-1566.3	2.2	-27.2	-31.4	2135.9	-24.8	0.0179	0.0274	0.0179	82.51	53.88	82.51	0.00	-1.47	-4.54	0.0
57230	-1556.5	-0.4	51.1	27.9	2135.3	-25.9	0.0179	0.0274	0.0179	85.55	55.87	85.55	0.00	-1.53	-4.56	0.0
57231	-1564.6	2.3	-43.6	-32.8	2236.5	-25.0	0.0179	0.0274	0.0179	87.24	56.97	87.24	0.00	-1.56	-4.73	0.0
57232	-1554.4	-0.5	22.5	29.3	2238.8	-26.6	0.0179	0.0274	0.0179	89.95	58.75	89.95	0.00	-1.61	-4.75	0.0
57233	-1544.5	2.4	-53.6	-34.1	2330.3	-24.7	0.0179	0.0274	0.0179	92.24	60.24	92.24	0.00	-1.65	-4.89	0.0
57234	-1533.9	-0.5	0.3	30.8	2335.1	-26.8	0.0179	0.0274	0.0179	94.62	61.79	94.62	0.00	-1.69	-4.92	0.0
57235	-1500.9	2.6	-59.8	-35.4	2419.2	-24.1	0.0179	0.0274	0.0179	97.63	63.76	97.63	0.00	-1.74	-5.05	0.0
57236	-1490.1	-0.3	-15.3	32.1	2425.7	-26.6	0.0179	0.0274	0.0179	99.74	65.14	99.74	0.00	-1.78	-5.07	0.0
57237	-1430.0	2.9	-64.1	-36.6	2503.7	-23.4	0.0179	0.0274	0.0179	103.46	67.56	103.46	0.00	-1.85	-5.19	0.0
57238	-1419.6	0.1	-24.1	33.4	2511.5	-26.3	0.0179	0.0274	0.0179	105.46	68.87	105.46	0.00	-1.88	-5.21	0.0
57239	-1331.6	3.2	-67.6	-37.9	2583.4	-22.5	0.0179	0.0274	0.0179	109.72	71.65	109.72	0.00	-1.96	-5.32	0.0
57240	-1322.0	0.8	-27.1	34.5	2592.1	-25.9	0.0179	0.0274	0.0179	111.75	72.98	111.75	0.00	-2.00	-5.34	0.0
57241	-1208.3	3.7	-70.4	-39.1	2656.4	-21.4	0.0179	0.0274	0.0179	116.28	75.94	116.28	0.00	-2.08	-5.43	0.0
57242	-1199.8	1.6	-26.6	35.6	2665.5	-25.2	0.0179	0.0274	0.0179	118.40	77.32	118.40	0.00	-2.11	-5.46	0.0
57243	-1064.5	4.1	-72.0	-40.2	2719.3	-19.9	0.0179	0.0274	0.0179	122.91	80.27	122.91	0.00	-2.19	-5.53	0.0
57244	-1057.1	2.6	-24.6	36.6	2727.8	-24.1	0.0179	0.0274	0.0179	125.08	81.68	125.08	0.00	-2.23	-5.55	0.0
57245	-904.1	4.7	-72.4	-41.1	2766.5	17.8	0.0179	0.0274	0.0179	129.22	84.39	129.22	0.00	-2.30	-5.60	0.0
57246	-898.4	3.6	-22.9	37.5	2773.4	-22.2	0.0179	0.0274	0.0179	131.33	85.76	131.33	0.00	-2.34	-5.62	0.0
57247	-731.1	5.2	-73.6	-41.6	2791.2	16.7	0.0179	0.0274	0.0179	134.75	88.00	134.75	0.00	-2.40	-5.62	0.0
57248	-727.9	4.8	-23.9	38.1	2795.2	-19.2	0.0179	0.0274	0.0179	136.60	89.21	136.60	0.00	-2.44	-5.64	0.0
57249	-549.4	5.7	-79.3	-41.7	2785.8	14.3	0.0179	0.0274	0.0179	138.84	90.67	138.84	0.00	-2.48	-5.59	0.0
57250	-550.1	6.0	-31.5	38.0	2785.8	-14.5	0.0179	0.0274	0.0179	140.28	91.61	140.28	0.00	-2.50	-5.60	0.0
57251	-363.4	6.0	-96.2	-41.5	2744.2	11.7	0.0179	0.0274	0.0179	140.88	92.00	140.88	0.00	-2.51	-5.50	0.0
57252	-368.5	7.1	-52.5	36.6	2740.6	-7.9	0.0179	0.0274	0.0179	141.83	92.62	141.83	0.00	-2.53	-5.49	0.0
57253	-176.2	7.7	-134.7	-40.5	2664.8	15.4	0.0179	0.0274	0.0179	140.41	91.70	140.41	0.00	-2.50	-5.33	0.0
57254	-182.0	8.6	-97.7	31.9	2659.7	-10.6	0.0179	0.0274	0.0179	141.01	92.09	141.01	0.00	-2.51	-5.32	0.0
57255	19.3	2.7	-215.7	-42.7	2547.9	39.6	0.0179	0.0274	0.0179	137.22	89.61	137.22	0.00	-2.45	-5.10	0.0
57256	23.2	1.9	-188.9	31.2	2538.4	-28.7	0.0179	0.0274	0.0179	137.52	89.81	137.52	0.00	-2.46	-5.08	0.0
57257	283.1	28.7	-360.4	-29.8	2282.3	-41.5	0.0179	0.0274	0.0179	126.86	82.85	126.86	0.00	-2.24	-4.61	0.0
57258	292.7	27.7	-345.6	26.8	2254.8	53.8	0.0357	0.0274	0.0179	63.01	82.30	126.02	0.00	-2.23	-4.56	0.0
57259	-1293.4	69.5	359.0	-67.7	1386.0	-106.5	0.0179	0.0274	0.0179	64.96	42.42	64.96	0.00	-1.11	-3.24	0.0
57260	-1305.5	52.7	276.7	-75.7	1348.9	-93.7	0.0357	0.0274	0.0179	29.75	38.86	59.50	0.00	-1.02	-3.14	0.0
57261	-1363.5	10.7	264.1	-31.9	1532.8	-29.2	0.0179	0.0274	0.0179	66.43	43.38	66.43	0.00	-1.18	-3.47	0.0
57262	-1352.9	13.3	265.5	-34.8	1509.9	-31.7	0.0179	0.0274	0.0179	65.53	42.79	65.53	0.00	-1.16	-3.43	0.0
57263	-1391.2	3.4	263.2	-15.0	1681.8	-16.3	0.0179	0.0274	0.0179	73.33	47.89	73.33	0.00	-1.31	-3.75	0.0
57264	-1380.1	2.7	296.0	-15.5	1654.2	-16.0	0.0179	0.0274	0.0179	73.45	47.97	73.45	0.00	-1.31	-3.71	0.0
57265	-1414.4	0.6	235.0	9.7	1826.5	-10.0	0.0179	0.0274	0.0179	79.14	51.68	79.14	0.00	-1.41	-4.01	0.0
57266	-1401.1	1.6	287.3	-7.8	1803.1	-12.4	0.0179	0.0274	0.0179	80.25	52.41	80.25	0.00	-1.43	-3.98	0.0
57267	-1432.1	1.2	193.4	7.7	1961.4	-10.8	0.0179	0.0274	0.0179	84.14	54.95	84.14	0.00	-1.50	-4.25	0.0
57268	-1418.9	1.8	251.9	-4.6	1945.3	-11.9	0.0179	0.0274	0.0179	85.82	56.04	85.82	0.00	-1.53	-4.23	0.0
57269	-1443.4	1.2	147.4	7.4	2084.2	-13.0	0.0179	0.0274	0.0179	88.57	57.84	88.57	0.00	-1.58	-4.46	0.0
57270	-1430.9	2.0	204.8	-4.7	2075.4	-13.8	0.0179	0.0274	0.0179	90.52	59.12	90.52	0.00	-1.62	-4.46	0.0
57271	-1447.6	1.1	105.8	7.5	2195.3	-14.5	0.0179	0.0274	0.0179	92.76	60.58	92.76	0.00	-1.66	-4.66	0.0
57272	-1435.6	1.9	158.3	-5.5	2192.6	-15.0	0.0179	0.0274	0.0179	94.81	61.92	94.81	0.00	-1.69	-4.67	0.0
57273	-1444.3	1.0	73.4	7.7	2296.9	-15.3	0.0179	0.0274	0.0179	97.00	63.35	97.00	0.00	-1.73	-4.84	0.0
57274	-1432.5	1.8	119.4	-6.1	2298.9	-15.5	0.0179	0.0274	0.0179	99.03	64.67	99.03	0.00	-1.77	-4.85	0.0
57275	-1433.3	0.8	51.0	8.1	2391.7	-15.5	0.0179	0.0274	0.0179	101.45	66.25	101.45	0.00	-1.81	-5.01	0.0
57276	-1421.3	1.6	90.5	-6.4	2397.2	-15.5	0.0179	0.0274	0.0179	103.42	67.54	103.42	0.00	-1.85	-5.03	0.0
57277	-1413.8	0.7	36.7	8.6	2482.0	-15.4	0.0179	0.0274	0.0179	106.16	69.33	106.16	0.00	-1.90	-5.17	0.0
57278	-1401.4	1.3	70.9	-6.6	2490.1	-15.2	0.0179	0.0274	0.0179	108.08	70.58	108.08	0.00	-1.93	-5.19	0.0
57279	-1384.9	0.6	27.4	9.0	2569.5	-15.1	0.0179	0.0274	0.0179	111.12	72.57	111.12	0.00	-1.99	-5.33	0.0
57280	-1372.3	1.2	57.8	-6.8	2579.6	-14.8	0.0179	0.0274	0.0179	113.01	73.80	113.01	0.00	-2.02	-5.35	0.0
57281	-1345.4	0.5	20.5	9.4	2654.6	-14.7	0.0179	0.0274	0.0179	116.30	75.95	116.30	0.00	-2.08	-5.48	0.0
57282	-1332.9	1.1	48.5	-7.0	2666.3	-14.2	0.0179	0.0274	0.0179	118.19	77.18	118.19	0.00	-2.11	-5.51	0.0
57283	-1294.4	0.5	14.5	9.7	2736.9	-14.1	0.0179	0.0274	0.0179	121.64	79.44	121.64	0.00	-2.17	-5.63	0.0
57284	-1282.2	1.0	41.5	-7.3	2749.8	-13.5	0.0179	0.0274	0.0179	123.55	80.68	123.55	0.00	-2.21	-5.66	0.0
57285	-1231.3	0.5	8.8	10.0	2814.5	-13.3	0.0179	0.0274	0.0179	127.05	82.97	127.05	0.00	-2.27	-5.76	0.0
57286	-1219.4	1.0	36.2	-7.5	2828.0	-12.7	0.0179	0.0274	0.0179	128.99	84.24	128.99	0.00	-2.30	-5.79	0.0
57287	-1154.9	0.5	3.7	10.2	2883.8	-12.3	0.0179	0.0274	0.0179	132.37	86.45	132.37	0.00	-2.37	-5.88	0.0
57288	-1143.2	1.1	32.4	-7.7	2896.9	-11.6	0.0179	0.0274	0.0179	134.33	87.72	134.33	0.00	-2.40	-5.91	0.0
57289	-1063.9	0.5	-1.3	10.5	2938.8	-10.7	0.0179	0.0274	0.0179	137.30	89.67	137.30	0.00	-2.45	-5.97	0.0
57290	-1052.4	1.1	28.9	-7.8	2950.1	-10.1	0.0179	0.0274	0.0179	139.19	90.90	139.19	0.00	-2.49	-6.00	0.0
57291	-956.9	0.5	-8.5	10.8	2971.6	-8.6	0.0179	0.0274	0.0179	141.36	92.32	141.36	0.00	-2.53	-6.02	0.0
57292	-946.4	1.0	22.3	-7.7	2978.7	-8.0	0.0179	0.0274	0.0179	143.00	93.39	143.00	0.00	-2.55	-6.04	0.0
57293	-834.0	0.5	-22.6	11.4	2972.6	-5.8	0.0179	0.0274	0.0179	143.90	93.98	143.90	0.00	-2.57	-6.00	0.0
57294	-826.7	0.9	7.5	-8.2	2973.1	-5.6	0.0179	0.0274	0.0179	145.07	94.74	145.07	0.00	-2.59	-6.00	0.0
57295	-698.6	0.6	-50.4	14.1	2934.4	-5.5	0.0179	0.0274	0.0179	144.24	94.19	144.24	0.00	-2.58	-5.90	0.0
57296	-697.0	1.1	-23.1	-12.0	2926.5	6.2	0.0179	0.0274	0.0179	144.68	94.49	144.68	0.00	-2.58	-5.89	0.0
57297	-557.3	0.4	-101.9	18.1	2854.5	10.8	0.0179	0.0274	0.0179	141.79	92.60	141.79	0.00	-2.53	-5.73	0.0
57298	-563.9	0.3	-81.2	-17.4	2840.7	-11.8	0.0179	0.0274	0.0179	141.48	92.40	141.48	0.00	-2.53	-5.70	0.0
57299	-424.9	25.2	-190.5	30.4	2747.3	-35.4	0.0179	0.0274	0.0179	136.64	89.23	136.64	0.00	-2.42	-5.50	0.0
57300	-420.0	23.1	-181.6	-43.6	2735.0	38.1	0.0179	0.0274	0.0179	136.35	89.04	136.35	0.00	-2.41	-5.48	0.0
57301	-252.5	-6.6	-384.6	-60.9	2653.3	163.1	0.0179	0.0274	0.0179	130.80	85.42	130.80	0.00	-2.34	-5.32	0.0
57302	-231.0	-11.8	-397.4	60.5	2616.0	-103.7	0.0357	0.0274	0.0179	64.44	84.17	128.88	0.00	-2.31	-5.24	0.0
57303	-1186.4	7.3	-869.5	169.9	756.0	-294.4	0.0357	0.0274	0.0179	2.84	3.71	5.68	0.00	-0.40	-1.96	0.0
57304	-1195.6	7.2	-867.8	-345.6	701.2	-132.0	0.0357	0.0274	0.0179	6.07	7.93	12.14	0.00	-0.72	-1.99	0.0
57305	-1240.1	-33.8	-789.1	78.9	912.8	-199.1	0.0357	0.0274	0.0179	1.85	2.42	3.71	0.00	-0.22	-2.04	0.0
57306	-1237.9	-9.6	-733.9	-112.6	931.3	83.5	0.0357	0.0274	0.0179	0.02	0.02	0.04	0.00	-0.02	-1.96	0.0
57307	-1251.5	-38.3	-694.3	104.8	913.3	-139.9	0.0357	0.0274	0.0179	0.82	1.06	1.63	0.00	-0.10	-1.97	0.0
57308	-1244.8	-22.6	-618.8	-81.8	915.5	57.6	0.0357	0.0274	0.0179	1.00	1.31	2.00	0.00	-0.05	-1.94	0.0
57309	-1254.1	-29.1	-514.8	99.6	883.8	-102.8	0.0357	0.0274	0.0179	2.31	3.02	4.62	0.00	-0.11	-1.94	0.0
57310	-1247.4	-10.7	-376.3	-62.6	869.1	45.5	0.0357	0.0274	0.0179	4.49	5.87	8.98	0.00	-0.17	-1.95	0.0
57311	-1274.7	-7.3	-283.8	96.4	909.9	-80.5	0.0357	0.0274	0.0179	7.23	9.44	14.46	0.00	-0.26	-2.08	0.0
57312	-1266.1	12.5	-118.8	-57.4	885.5	36.8	0.0357	0.0274	0.0179	10.15	13.25	20.29	0.00	-0.35	-2.11	0.0
57313	-1196.4	19.2	-998.1	140.5	843.9	-121.5	0.0357	0.0274	0.0179	1.03	1.34	2.05	0.00	-0.28	-2.00	0.0
57314	-1207.1	13.9	-1039.9	-242.1	723.4	-98.8	0.0357	0.0274	0.0179	3.53	4.62	7.07	0.00	-0.63	-1.99	0.0
57315	-1204.9	34.2	-973.2	-51.1	828.6	-54.6	0.0357	0.0274	0.0179	1.47	1.92	2.94	0.00	-0.32	-1.98	0.0
57316	-1234.1	32.8	-995.1	31.8	799.4	-60.1	0.0357	0.0274	0.0179	1.02	1.34	2.05	0.00	-0.34	-1.96	0.0
57317	-1205.2	23.4	-816.8	-11.9	840.7	-81.9	0.0357	0.0274	0.0179	1.40	1.83	2.80	0.00	-0.22	-1.92	0.0
57318	-1234.0	23.0	-831.2	8.3	827.3	-74.9	0.0357	0.0274	0.0179	1.06	1.38	2.11	0.00	-0.23	-1.92	0.0
57319	-1200.5	33.7	-454.4	-14.7	884.1	-88.5	0.0357	0.0274	0.0179	5.00	6.53	9.99	0.00	-0.19	-1.97	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
57320	-1223.9	35.9	-444.2	16.3	872.8	-86.1	0.0357	0.0274	0.0179	4.36	5.69	8.72	0.00	-0.15	-1.95	0.0
57321	-1219.9	35.5	-137.3	-12.8	1001.2	-78.7	0.0357	0.0274	0.0179	13.21	17.25	26.42	0.00	-0.45	-2.29	0.0
57322	-1228.6	37.2	-99.0	14.6	987.7	-84.4	0.0357	0.0274	0.0179	13.53	17.68	27.07	0.00	-0.45	-2.29	0.0
57323	-1290.6	-62.4	-1076.7	63.3	879.3	76.3	0.0357	0.0274	0.0179				-0.03	-0.33	-2.07	
57324	-1294.4	-69.7	-1157.9	-75.6	801.7	-169.6	0.0357	0.0274	0.0179	0.13	0.17	0.27	0.00	-0.50	-2.04	0.0
57325	-1264.9	-24.4	-1034.0	-61.5	823.8	95.2	0.0357	0.0274	0.0179				-0.02	-0.32	-1.99	
57326	-1311.2	-37.3	-1147.3	49.9	776.3	-159.5	0.0357	0.0274	0.0179				-0.01	-0.47	-2.02	
57327	-1255.5	45.9	-694.6	-43.3	790.0	108.8	0.0357	0.0274	0.0179	1.98	2.58	3.95	0.00	-0.23	-1.89	0.0
57328	-1308.4	24.4	-835.5	34.6	751.3	-172.0	0.0357	0.0274	0.0179	2.02	2.64	4.04	0.00	-0.40	-1.94	0.0
57329	-1241.1	147.2	-195.0	-24.3	822.4	133.2	0.0357	0.0274	0.0179	8.99	11.74	17.98	0.00	-0.23	-2.02	0.0
57330	-1287.5	128.8	-345.5	31.1	785.8	-203.5	0.0357	0.0274	0.0179	7.86	10.27	15.73	0.00	-0.32	-2.02	0.0
57331	-1243.4	194.5	286.1	-15.7	1004.9	-156.2	0.0357	0.0274	0.0179	22.91	29.92	45.82	0.00	-0.66	-2.56	0.0
57332	-1276.7	162.7	135.5	-48.9	964.1	-204.6	0.0357	0.0274	0.0179	19.64	25.66	39.29	0.00	-0.62	-2.47	0.0
57333	-1169.8	96.1	343.0	-81.0	1474.9	92.2	0.0357	0.0274	0.0179	34.84	45.51	69.68	0.00	-1.14	-3.32	0.0
57334	-1250.0	8.9	378.6	-44.7	1616.4	-19.4	0.0179	0.0274	0.0179	76.96	50.26	76.96	0.00	-1.37	-3.62	0.0
57335	-1289.5	2.8	405.2	19.2	1783.0	-13.2	0.0179	0.0274	0.0179	85.72	55.98	85.72	0.00	-1.53	-3.95	0.0
57336	-1312.0	0.3	382.9	9.8	1941.6	-13.5	0.0179	0.0274	0.0179	92.54	60.44	92.54	0.00	-1.65	-4.24	0.0
57337	-1321.2	0.1	330.3	5.1	2080.8	-12.4	0.0179	0.0274	0.0179	97.54	63.70	97.54	0.00	-1.74	-4.48	0.0
57338	-1317.4	0.4	268.1	2.3	2199.1	-12.1	0.0179	0.0274	0.0179	101.44	66.25	101.44	0.00	-1.81	-4.68	0.0
57339	-1303.7	0.4	211.8	1.9	2301.1	-11.1	0.0179	0.0274	0.0179	105.01	68.58	105.01	0.00	-1.88	-4.85	0.0
57340	-1285.3	0.4	169.1	2.0	2392.8	-10.2	0.0179	0.0274	0.0179	108.70	70.99	108.70	0.00	-1.94	-5.00	0.0
57341	-1267.0	0.3	140.6	2.1	2479.2	-9.3	0.0179	0.0274	0.0179	112.69	73.59	112.69	0.00	-2.01	-5.15	0.0
57342	-1251.3	0.3	123.0	2.1	2563.4	-8.5	0.0179	0.0274	0.0179	116.92	76.36	116.92	0.00	-2.09	-5.31	0.0
57343	-1239.1	0.3	111.5	2.1	2647.2	-7.8	0.0179	0.0274	0.0179	121.32	79.23	121.32	0.00	-2.17	-5.46	0.0
57344	-1229.8	0.3	102.7	2.2	2731.4	-7.4	0.0179	0.0274	0.0179	125.78	82.14	125.78	0.00	-2.25	-5.62	0.0
57345	-1222.3	0.2	94.4	2.4	2815.8	-7.1	0.0179	0.0274	0.0179	130.25	85.06	130.25	0.00	-2.33	-5.78	0.0
57346	-1214.1	0.2	86.2	2.6	2898.7	-6.9	0.0179	0.0274	0.0179	134.67	87.95	134.67	0.00	-2.41	-5.94	0.0
57347	-1201.5	0.1	78.5	2.6	2976.9	-6.7	0.0179	0.0274	0.0179	138.95	90.75	138.95	0.00	-2.48	-6.09	0.0
57348	-1178.5	0.0	70.9	2.3	3044.0	-6.7	0.0179	0.0274	0.0179	142.88	93.31	142.88	0.00	-2.55	-6.21	0.0
57349	-1137.5	-0.1	60.6	2.7	3089.9	-6.6	0.0179	0.0274	0.0179	145.98	95.33	145.98	0.00	-2.61	-6.29	0.0
57350	-1072.2	-0.2	41.5	5.6	3101.4	-7.1	0.0179	0.0274	0.0179	147.47	96.31	147.47	0.00	-2.64	-6.30	0.0
57351	-982.1	0.9	5.3	10.6	3065.5	8.1	0.0179	0.0274	0.0179	146.41	95.62	146.41	0.00	-2.62	-6.21	0.0
57352	-872.1	0.3	-58.2	20.4	2979.7	-16.1	0.0179	0.0274	0.0179	142.25	92.90	142.25	0.00	-2.54	-6.01	0.0
57353	-734.2	23.2	-165.6	38.6	2862.4	33.9	0.0179	0.0274	0.0179	135.83	88.71	135.83	0.00	-2.41	-5.75	0.0
57354	-520.9	39.0	-309.4	-87.4	2826.6	-171.5	0.0357	0.0274	0.0179	67.92	88.71	135.83	0.00	-2.40	-5.67	0.0
57355	-1135.2	119.6	421.2	-93.9	1565.8	125.0	0.0179	0.0274	0.0179	78.00	50.94	78.00	0.00	-1.27	-3.51	0.0
57356	-1251.2	4.3	408.1	-34.6	1680.0	-29.5	0.0179	0.0274	0.0179	81.32	53.11	81.32	0.00	-1.45	-3.75	0.0
57357	-1302.1	5.7	401.7	-19.1	1833.9	-16.5	0.0179	0.0274	0.0179	87.97	57.45	87.97	0.00	-1.57	-4.04	0.0
57358	-1331.2	0.0	364.9	9.4	1974.3	-12.4	0.0179	0.0274	0.0179	93.19	60.86	93.19	0.00	-1.67	-4.30	0.0
57359	-1344.3	0.7	309.0	4.0	2098.0	-13.1	0.0179	0.0274	0.0179	97.21	63.48	97.21	0.00	-1.74	-4.51	0.0
57360	-1343.6	0.9	248.8	-1.7	2205.0	-12.2	0.0179	0.0274	0.0179	100.55	65.67	100.55	0.00	-1.80	-4.69	0.0
57361	-1332.1	1.0	195.9	-2.2	2299.7	-11.3	0.0179	0.0274	0.0179	103.80	67.79	103.80	0.00	-1.85	-4.85	0.0
57362	-1314.8	0.9	156.0	-2.7	2386.6	-10.3	0.0179	0.0274	0.0179	107.32	70.09	107.32	0.00	-1.92	-4.99	0.0
57363	-1296.7	0.8	129.3	-2.7	2469.8	-9.4	0.0179	0.0274	0.0179	111.18	72.61	111.18	0.00	-1.99	-5.14	0.0
57364	-1280.9	0.7	112.6	-2.6	2551.7	-8.5	0.0179	0.0274	0.0179	115.32	75.31	115.32	0.00	-2.06	-5.29	0.0
57365	-1268.6	0.7	101.6	-2.5	2633.6	-7.8	0.0179	0.0274	0.0179	119.61	78.12	119.61	0.00	-2.14	-5.44	0.0
57366	-1259.5	0.7	93.2	-2.6	2716.2	-7.3	0.0179	0.0274	0.0179	123.99	80.97	123.99	0.00	-2.22	-5.60	0.0
57367	-1252.5	0.6	85.3	-2.8	2799.1	-7.0	0.0179	0.0274	0.0179	128.37	83.84	128.37	0.00	-2.29	-5.76	0.0
57368	-1245.3	0.6	77.3	-3.1	2880.9	-6.9	0.0179	0.0274	0.0179	132.71	86.67	132.71	0.00	-2.37	-5.91	0.0
57369	-1233.6	0.5	69.3	-3.3	2958.7	-6.7	0.0179	0.0274	0.0179	136.94	89.43	136.94	0.00	-2.45	-6.06	0.0
57370	-1210.9	0.5	60.9	-3.2	3026.9	-6.7	0.0179	0.0274	0.0179	140.89	92.01	140.89	0.00	-2.52	-6.19	0.0
57371	-1168.4	0.4	49.4	-3.1	3076.6	-6.7	0.0179	0.0274	0.0179	144.18	94.16	144.18	0.00	-2.58	-6.27	0.0
57372	-1098.8	0.1	29.7	-5.1	3096.0	-6.8	0.0179	0.0274	0.0179	146.17	95.46	146.17	0.00	-2.61	-6.29	0.0
57373	-1000.5	0.6	-5.7	-9.9	3072.4	-8.4	0.0179	0.0274	0.0179	146.00	95.35	146.00	0.00	-2.61	-6.22	0.0
57374	-876.4	1.3	-65.2	-18.8	3001.3	16.7	0.0179	0.0274	0.0179	143.12	93.47	143.12	0.00	-2.56	-6.06	0.0
57375	-730.7	22.2	-162.4	-37.9	2883.7	-64.0	0.0179	0.0274	0.0179	137.27	89.65	137.27	0.00	-2.43	-5.80	0.0
57376	-501.4	53.6	-293.3	102.7	2891.0	261.4	0.0179	0.0274	0.0179	141.16	92.18	141.16	0.00	-2.49	-5.82	0.0
57377	-1012.0	128.0	389.1	81.2	1595.7	113.1	0.0357	0.0274	0.0179	40.45	52.84	80.90	0.00	-1.33	-3.50	0.0
57378	-1127.1	-7.3	502.3	-48.4	1717.0	27.1	0.0179	0.0274	0.0179	88.86	58.03	88.86	0.00	-1.59	-3.80	0.0
57379	-1094.0	4.3	522.9	23.5	1885.6	-9.4	0.0179	0.0274	0.0179	98.81	64.53	98.81	0.00	-1.76	-4.10	0.0
57380	-1012.3	1.0	469.8	-10.2	2045.6	-16.6	0.0179	0.0274	0.0179	106.57	69.60	106.57	0.00	-1.90	-4.35	0.0
57381	-942.0	1.5	386.6	-4.6	2171.2	-17.6	0.0179	0.0274	0.0179	111.51	72.82	111.51	0.00	-1.99	-4.54	0.0
57382	-895.2	1.7	302.8	-3.0	2266.5	-18.3	0.0179	0.0274	0.0179	114.60	74.84	114.60	0.00	-2.05	-4.69	0.0
57383	-874.8	1.4	234.9	-3.1	2344.4	-18.2	0.0179	0.0274	0.0179	116.90	76.34	116.90	0.00	-2.09	-4.82	0.0
57384	-877.0	1.2	187.7	-3.3	2415.2	-17.9	0.0179	0.0274	0.0179	119.11	77.78	119.11	0.00	-2.13	-4.95	0.0
57385	-895.5	1.1	159.2	-3.2	2485.2	-17.5	0.0179	0.0274	0.0179	121.56	79.38	121.56	0.00	-2.17	-5.08	0.0
57386	-922.8	1.0	143.4	-3.0	2557.2	-17.1	0.0179	0.0274	0.0179	124.36	81.21	124.36	0.00	-2.22	-5.22	0.0
57387	-950.3	0.9	134.0	-2.9	2632.5	-16.6	0.0179	0.0274	0.0179	127.56	83.30	127.56	0.00	-2.28	-5.38	0.0
57388	-970.6	0.9	126.9	-3.0	2711.6	-16.2	0.0179	0.0274	0.0179	131.20	85.68	131.20	0.00	-2.34	-5.53	0.0
57389	-982.4	0.8	119.7	-3.2	2794.8	-15.7	0.0179	0.0274	0.0179	135.26	88.33	135.26	0.00	-2.42	-5.70	0.0
57390	-990.1	0.7	112.0	-3.6	2881.5	-15.2	0.0179	0.0274	0.0179	139.59	91.16	139.59	0.00	-2.49	-5.87	0.0
57391	-998.3	0.7	104.6	-4.0	2970.3	-14.5	0.0179	0.0274	0.0179	144.04	94.07	144.04	0.00	-2.57	-6.04	0.0
57392	-1009.5	0.6	97.7	-4.2	3056.9	-13.6	0.0179	0.0274	0.0179	148.32	96.86	148.32	0.00	-2.65	-6.21	0.0
57393	-1024.2	0.6	88.4	-4.6	3132.0	-12.4	0.0179	0.0274	0.0179	151.81	99.14	151.81	0.00	-2.71	-6.36	0.0
57394	-1041.2	0.2	70.2	-6.6	3179.6	-11.4	0.0179	0.0274	0.0179	153.44	100.21	153.44	0.00	-2.74	-6.46	0.0
57395	-1057.3	0.4	34.5	-11.1	3178.6	11.5	0.0179	0.0274	0.0179	151.84	99.16	151.84	0.00	-2.71	-6.45	0.0
57396	-1067.9	1.6	-29.4	-22.7	3121.2	-14.0	0.0179	0.0274	0.0179	146.36	95.58	146.36	0.00	-2.61	-6.33	0.0
57397	-1020.0	0.7	-132.2	49.3	3055.2	53.4	0.0179	0.0274	0.0179	140.62	91.84	140.62	0.00	-2.51	-6.18	0.0
57398	-836.4	101.9	-226.7	-82.5	3083.1	-198.5	0.0357	0.0274	0.0179	72.27	94.39	144.53	0.00	-2.50	-6.21	0.0
57399	-982.9	129.3	397.8	-70.5	1702.9	155.2	0.0179	0.0274	0.0179	86.76	56.66	86.76	0.00	-1.42	-3.69	0.0
57400	-1091.3	-13.3	517.9	42.5	1800.0	37.5	0.0179	0.0274	0.0179	94.37	61.63	94.37	0.00	-1.70	-3.95	0.0
57401	-1091.4	4.4	534.0	-21.0	1946.9	-13.7	0.0179	0.0274	0.0179	102.47	66.92	102.47	0.00	-1.83	-4.22	0.0
57402	-1003.5	0.1	483.7	11.9	2080.5	-14.5	0.0179	0.0274	0.0179	109.08	71.23	109.08	0.00	-1.95	-4.42	0.0
57403	-931.1	1.2	405.8	5.0	2186.0	-17.6	0.0179	0.0274	0.0179	113.21	73.93	113.21	0.00	-2.02	-4.57	0.0
57404	-887.1	1.5	326.3	1.8	2269.4	-18.1	0.0179	0.0274	0.0179	115.75	75.59	115.75	0.00	-2.07	-4.70	0.0
57405	-871.7	1.4	260.0	1.1	2340.8	-18.2	0.0179	0.0274	0.0179	117.64	76.83	117.64	0.00	-2.10	-4.82	0.0
57406	-879.5	1.2	211.8	1.5	2408.2	-17.9	0.0179	0.0274	0.0179	119.49	78.03	119.49	0.00	-2.13	-4.94	0.0
57407	-903.4	1.1	180.5	1.5	2475.9	-17.5	0.0179	0.0274	0.0179	121.59	79.41	121.59	0.00	-2.17	-5.07	0.0
57408	-935.9	1.0	161.4	1.5	2546.3	-17.1	0.0179	0.0274	0.0179	124.08	81.03	124.08	0.00	-2.22	-5.21	0.0
57409	-967.4	1.0	149.5	1.5	2620.2	-16.6	0.0179	0.0274	0.0179	127.02	82.95	127.02	0.00	-2.27	-5.36	0.0
57410	-988.1	0.9	140.8	1.5	2698.0	-16.2	0.0179	0.0274	0.0179	130.53	85.24	130.53	0.00	-2.33	-5.51	0.0
57411	-996.8	0.9	133.1	1.7	2779.7	-15.7	0.0179	0.0274	0.0179	134.55	87.87	134.55	0.00	-2.40	-5.67	0.0
57412	-1000.6	0.8	125.7	1.8	2865.1	-15.1	0.0179	0.0274	0.0179	138.90	90.71	138.90	0.00	-2.48	-5.84	0.0
57413	-1005.6	0.8	118.7	1.6	2952.6	-14.5	0.0179	0.0274	0.0179	143.36	93.63	143.36	0.00	-2.56	-6.01	0.0
57414	-1014.5	0.7	111.2	1.2	3038.6	-13.6	0.0179	0.0274	0.0179	147.64	96.42	147.64	0.00	-2.64	-6.18	0.0
57415	-1028.3	0.6	100.0	1.7	3115.3	-12.5	0.0179	0.0274	0.0179	151.18	98.73	151.18	0.00	-2.70	-6.33	0.0
57416	-1046.2	0.1	79.3	5.0	3168.9	-10.8	0.0179	0.0274	0.0179	153.03	99.94	153.03	0.00	-2.73	-6.44	0.0
57417	-1065.2	-0.2	41.2	11.3	3181.1	-10.3	0.0179	0.0274	0.0179	152.02	99.28	152.02	0.00	-2.72	-6.46	0.0
57418	-1076.4	2.0	-23.4	24.5	3139.5	16.1	0.0179	0.0274	0.0179	147.37	96.24	147.37	0.00	-2.63	-6.37	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
57419	-983.3	-5.7	-124.1	-37.4	3076.4	-70.8	0.0179	0.0274	0.0179	142.96	93.36	142.96	0.00	-2.56	-6.21	0.0
57420	-765.3	111.9	-220.3	101.6	3160.7	331.2	0.0179	0.0274	0.0179	152.04	99.29	152.04	0.00	-2.64	-6.39	0.0
57421	-168.4	225.6	489.8	166.1	1577.3	102.6	0.0447	0.0274	0.0179	40.14	65.54	100.36	0.00	-1.59	-3.25	0.0
57422	-293.0	-4.5	634.0	-38.4	1775.9	25.7	0.0268	0.0274	0.0179	74.83	73.30	112.24	0.00	-2.01	-3.67	0.0
57423	-268.5	4.0	641.4	31.0	1973.1	-7.0	0.0268	0.0274	0.0179	82.49	80.81	123.74	0.00	-2.21	-4.05	0.0
57424	-213.2	1.7	537.4	12.5	2124.4	-18.6	0.0268	0.0274	0.0179	86.52	84.75	129.78	0.00	-2.32	-4.31	0.0
57425	-178.2	1.1	411.6	7.4	2215.9	-22.5	0.0268	0.0274	0.0179	87.74	85.95	131.62	0.00	-2.35	-4.47	0.0
57426	-183.2	0.7	305.9	4.9	2272.7	-25.1	0.0268	0.0274	0.0179	87.56	85.77	131.34	0.00	-2.35	-4.57	0.0
57427	-223.2	0.2	229.9	4.7	2318.0	-26.3	0.0268	0.0274	0.0179	87.01	85.23	130.51	0.00	-2.33	-4.66	0.0
57428	-287.6	0.0	181.1	5.0	2363.8	-26.8	0.0268	0.0274	0.0179	86.62	84.86	129.94	0.00	-2.32	-4.75	0.0
57429	-365.4	-0.1	153.6	5.3	2415.2	-26.8	0.0179	0.0274	0.0179	129.99	84.89	129.99	0.00	-2.32	-4.86	0.0
57430	-445.3	-0.1	140.0	5.6	2473.5	-26.4	0.0179	0.0274	0.0179	130.83	85.44	130.83	0.00	-2.34	-4.98	0.0
57431	-515.1	-0.1	133.4	5.8	2538.6	-26.0	0.0179	0.0274	0.0179	132.52	86.54	132.52	0.00	-2.37	-5.12	0.0
57432	-565.3	-0.1	129.1	6.0	2610.5	-25.5	0.0179	0.0274	0.0179	135.15	88.26	135.15	0.00	-2.42	-5.27	0.0
57433	-594.6	0.0	125.0	6.1	2689.9	-25.0	0.0179	0.0274	0.0179	138.71	90.59	138.71	0.00	-2.48	-5.43	0.0
57434	-610.5	0.0	120.8	6.1	2777.9	-24.3	0.0179	0.0274	0.0179	143.07	93.44	143.07	0.00	-2.56	-5.60	0.0
57435	-621.1	0.0	117.7	6.0	2875.8	-23.3	0.0268	0.0274	0.0179	98.77	96.75	148.15	0.00	-2.65	-5.80	0.0
57436	-631.8	-0.1	115.2	5.8	2983.8	-21.7	0.0268	0.0274	0.0179	102.53	100.44	153.80	0.00	-2.75	-6.01	0.0
57437	-645.1	-0.2	110.1	6.0	3097.0	-19.1	0.0268	0.0274	0.0179	106.40	104.23	159.60	0.00	-2.85	-6.24	0.0
57438	-660.8	-0.4	97.1	8.5	3201.4	-15.8	0.0268	0.0274	0.0179	109.74	107.50	164.61	0.00	-2.94	-6.45	0.0
57439	-675.7	0.0	68.3	15.3	3267.5	14.3	0.0268	0.0274	0.0179	111.35	109.08	167.02	0.00	-2.99	-6.58	0.0
57440	-680.4	1.9	13.2	27.7	3262.0	-9.8	0.0268	0.0274	0.0179	109.92	107.68	164.88	0.00	-2.94	-6.56	0.0
57441	-667.9	15.9	-77.8	46.5	3197.5	50.9	0.0268	0.0274	0.0179	105.94	103.77	158.90	0.00	-2.83	-6.42	0.0
57442	-605.0	138.2	-159.0	-94.1	3104.7	-182.6	0.0447	0.0274	0.0179	61.45	100.33	153.63	0.00	-2.62	-6.24	0.0
57443	-286.8	218.6	470.6	-73.8	1684.2	-153.2	0.0268	0.0274	0.0179	68.45	67.06	102.68	0.00	-1.63	-3.47	0.0
57444	-266.9	-6.2	643.0	50.4	1851.2	-19.8	0.0268	0.0274	0.0179	78.13	76.53	117.19	0.00	-2.10	-3.81	0.0
57445	-219.7	6.2	673.9	-19.8	2023.3	-22.2	0.0268	0.0274	0.0179	85.78	84.03	128.67	0.00	-2.29	-4.14	0.0
57446	-159.1	3.4	591.3	-10.6	2148.9	-20.4	0.0268	0.0274	0.0179	89.44	87.61	134.16	0.00	-2.39	-4.36	0.0
57447	-133.4	2.1	478.1	-10.6	2224.3	-24.1	0.0268	0.0274	0.0179	90.19	88.35	135.29	0.00	-2.42	-4.49	0.0
57448	-149.7	1.6	376.8	-10.2	2273.5	-25.6	0.0268	0.0274	0.0179	89.62	87.79	134.43	0.00	-2.40	-4.58	0.0
57449	-199.3	0.8	299.8	-10.0	2315.5	-26.5	0.0268	0.0274	0.0179	88.76	86.95	133.14	0.00	-2.38	-4.66	0.0
57450	-271.0	0.6	246.8	-9.8	2359.7	-26.9	0.0268	0.0274	0.0179	88.11	86.31	132.17	0.00	-2.36	-4.75	0.0
57451	-354.1	0.6	213.1	-9.6	2410.2	-26.9	0.0179	0.0274	0.0179	131.86	86.11	131.86	0.00	-2.36	-4.85	0.0
57452	-437.7	0.6	193.1	-9.5	2467.7	-26.6	0.0179	0.0274	0.0179	132.37	86.45	132.37	0.00	-2.37	-4.98	0.0
57453	-509.9	0.6	181.3	-9.6	2532.0	-26.3	0.0179	0.0274	0.0179	133.81	87.39	133.81	0.00	-2.39	-5.11	0.0
57454	-560.6	0.6	173.6	-9.8	2603.2	-26.0	0.0179	0.0274	0.0179	136.29	89.00	136.29	0.00	-2.44	-5.26	0.0
57455	-588.9	0.6	167.8	-10.2	2681.6	-25.6	0.0179	0.0274	0.0179	139.76	91.27	139.76	0.00	-2.50	-5.42	0.0
57456	-602.8	0.5	163.2	-10.8	2768.3	-25.0	0.0179	0.0274	0.0179	144.09	94.10	144.09	0.00	-2.57	-5.59	0.0
57457	-611.0	0.4	159.6	-11.6	2864.6	-24.1	0.0268	0.0274	0.0179	99.41	97.38	149.11	0.00	-2.66	-5.78	0.0
57458	-619.1	0.2	155.4	-12.6	2970.4	-22.5	0.0268	0.0274	0.0179	103.10	101.00	154.65	0.00	-2.76	-5.99	0.0
57459	-629.8	0.3	147.3	-13.9	3081.8	-20.1	0.0268	0.0274	0.0179	106.87	104.69	160.31	0.00	-2.86	-6.21	0.0
57460	-643.5	0.2	129.8	-15.3	3186.7	-16.0	0.0268	0.0274	0.0179	110.17	107.92	165.25	0.00	-2.95	-6.42	0.0
57461	-657.6	0.8	95.3	-17.4	3260.1	-12.2	0.0268	0.0274	0.0179	111.93	109.65	167.90	0.00	-3.00	-6.56	0.0
57462	-664.5	2.9	33.3	-20.3	3268.4	24.6	0.0268	0.0274	0.0179	110.84	108.57	166.25	0.00	-2.97	-6.57	0.0
57463	-648.6	10.6	-65.9	-34.9	3217.6	-46.0	0.0268	0.0274	0.0179	107.23	105.04	160.84	0.00	-2.87	-6.46	0.0
57464	-637.7	138.3	-160.8	61.3	3189.6	306.0	0.0268	0.0274	0.0179	105.40	103.25	158.10	0.00	-2.71	-6.43	0.0
57465	844.2	290.9	691.1	246.6	1432.1	-69.8	0.0447	0.0274	0.0179	49.48	80.78	123.70	0.00	-1.88	-2.93	0.0
57466	603.1	-6.9	829.9	-76.0	1791.0	-73.9	0.0268	0.0274	0.0179	93.83	91.92	140.75	0.00	-2.53	-3.59	0.0
57467	646.4	1.0	753.9	-23.4	2058.0	-37.6	0.0268	0.0274	0.0179	102.93	100.83	154.40	0.00	-2.76	-4.12	0.0
57468	689.9	1.0	557.6	-39.8	2168.9	-35.2	0.0268	0.0274	0.0179	104.24	102.12	156.37	0.00	-2.79	-4.34	0.0
57469	667.9	3.8	390.0	-36.3	2196.4	-33.4	0.0268	0.0274	0.0179	101.86	99.78	152.78	0.00	-2.73	-4.40	0.0
57470	589.5	7.2	277.7	-34.1	2202.6	-35.3	0.0268	0.0274	0.0179	98.57	96.56	147.86	0.00	-2.64	-4.42	0.0
57471	474.0	8.3	211.4	-32.3	2212.3	-36.7	0.0268	0.0274	0.0179	95.48	93.54	143.23	0.00	-2.55	-4.43	0.0
57472	338.9	8.5	179.1	-31.3	2233.8	-37.4	0.0268	0.0274	0.0179	93.08	91.18	139.62	0.00	-2.49	-4.47	0.0
57473	198.4	8.2	166.8	-31.0	2268.2	-37.6	0.0179	0.0274	0.0179	137.19	89.59	137.19	0.00	-2.44	-4.54	0.0
57474	65.6	7.6	162.5	-31.2	2313.6	-37.5	0.0179	0.0274	0.0179	135.92	88.76	135.92	0.00	-2.42	-4.63	0.0
57475	-46.0	7.0	161.0	-31.7	2368.3	-37.4	0.0179	0.0274	0.0179	135.91	88.76	135.91	0.00	-2.42	-4.74	0.0
57476	-125.7	6.4	160.3	-32.5	2431.5	-37.2	0.0179	0.0274	0.0179	137.31	89.67	137.31	0.00	-2.45	-4.87	0.0
57477	-173.2	6.0	158.8	-33.6	2504.1	-37.1	0.0179	0.0274	0.0179	140.07	91.47	140.07	0.00	-2.50	-5.02	0.0
57478	-197.9	5.7	154.3	-35.1	2588.6	-36.7	0.0179	0.0274	0.0179	144.01	94.05	144.01	0.00	-2.57	-5.19	0.0
57479	-210.9	5.3	146.3	-37.2	2689.6	-35.9	0.0268	0.0274	0.0179	99.38	97.35	149.07	0.00	-2.66	-5.39	0.0
57480	-220.3	4.7	138.2	-40.2	2812.8	-34.0	0.0268	0.0274	0.0179	103.64	101.53	155.46	0.00	-2.77	-5.64	0.0
57481	-231.0	3.8	131.3	-44.4	2962.0	-30.1	0.0268	0.0274	0.0179	108.87	106.65	163.30	0.00	-2.92	-5.94	0.0
57482	-245.3	2.1	121.9	-49.7	3132.3	-23.8	0.0268	0.0274	0.0179	114.77	112.43	172.15	0.00	-3.08	-6.28	0.0
57483	-263.4	2.0	104.8	-55.2	3297.6	28.7	0.0268	0.0274	0.0179	120.24	117.79	180.36	0.00	-3.22	-6.61	0.0
57484	-281.2	6.9	69.7	-51.7	3381.9	28.5	0.0268	0.0274	0.0179	122.38	119.88	183.57	0.00	-3.27	-6.77	0.0
57485	-287.4	39.8	-7.5	-61.0	3264.5	104.1	0.0268	0.0274	0.0179	116.40	114.02	174.60	0.00	-3.08	-6.54	0.0
57486	-209.6	157.8	-96.0	-135.4	2973.6	-138.3	0.0447	0.0274	0.0179	63.46	103.60	158.64	0.00	-2.69	-5.96	0.0
57487	669.5	261.1	677.0	-106.4	1540.8	-117.2	0.0268	0.0274	0.0179	83.06	81.37	124.59	0.00	-1.98	-3.09	0.0
57488	668.6	-5.4	875.9	95.9	1849.6	37.7	0.0268	0.0274	0.0179	98.03	96.03	147.05	0.00	-2.63	-3.71	0.0
57489	732.6	1.2	839.1	29.3	2083.9	-11.9	0.0268	0.0274	0.0179	107.07	104.89	160.61	0.00	-2.87	-4.17	0.0
57490	770.3	-0.2	669.9	35.2	2175.9	-18.9	0.0268	0.0274	0.0179	108.05	105.85	162.08	0.00	-2.90	-4.35	0.0
57491	729.1	1.4	511.1	31.7	2196.5	-26.7	0.0268	0.0274	0.0179	105.17	103.02	157.75	0.00	-2.82	-4.40	0.0
57492	634.4	4.8	396.7	32.0	2200.9	-31.4	0.0268	0.0274	0.0179	101.45	99.38	152.17	0.00	-2.71	-4.41	0.0
57493	507.3	6.5	322.6	32.3	2210.1	-33.9	0.0268	0.0274	0.0179	97.99	95.99	146.99	0.00	-2.62	-4.43	0.0
57494	364.3	7.3	279.4	32.8	2231.7	-35.0	0.0268	0.0274	0.0179	95.27	93.32	142.90	0.00	-2.55	-4.47	0.0
57495	218.4	7.4	256.2	33.4	2266.1	-35.1	0.0179	0.0274	0.0179	140.07	91.48	140.07	0.00	-2.49	-4.53	0.0
57496	82.0	7.3	243.7	34.0	2311.5	-34.8	0.0179	0.0274	0.0179	138.53	90.47	138.53	0.00	-2.47	-4.63	0.0
57497	-31.6	6.9	236.2	34.8	2366.1	-34.3	0.0179	0.0274	0.0179	138.32	90.33	138.32	0.00	-2.46	-4.74	0.0
57498	-112.0	6.6	230.5	35.7	2429.1	-33.6	0.0179	0.0274	0.0179	139.57	91.15	139.57	0.00	-2.49	-4.87	0.0
57499	-158.9	6.2	224.7	36.7	2501.2	-33.0	0.0179	0.0274	0.0179	142.20	92.87	142.20	0.00	-2.53	-5.02	0.0
57500	-182.1	5.7	217.9	37.8	2585.0	-32.2	0.0179	0.0274	0.0179	146.08	95.40	146.08	0.00	-2.60	-5.19	0.0
57501	-192.8	5.1	210.4	39.1	2684.7	-31.0	0.0268	0.0274	0.0179	100.76	98.70	151.13	0.00	-2.70	-5.39	0.0
57502	-199.2	4.4	202.9	40.6	2805.4	-29.2	0.0268	0.0274	0.0179	104.98	102.84	157.47	0.00	-2.81	-5.63	0.0
57503	-206.5	3.5	194.2	42.5	2950.5	-26.2	0.0268	0.0274	0.0179	110.09	107.84	165.13	0.00	-2.95	-5.92	0.0
57504	-217.2	2.7	180.3	45.2	3115.5	21.3	0.0268	0.0274	0.0179	115.79	113.43	173.68	0.00	-3.10	-6.24	0.0
57505	-232.3	4.7	155.8	50.9	3278.4	-15.4	0.0268	0.0274	0.0179	121.09	118.61	181.63	0.00	-3.24	-6.57	0.0
57506	-251.2	14.3	109.1	58.1	3371.6	13.9	0.0268	0.0274	0.0179	123.33	120.81	184.99	0.00	-3.29	-6.75	0.0
57507	-255.0	45.2	17.1	87.7	3282.7	-71.1	0.0268	0.0274	0.0179	118.12	115.71	177.18	0.00	-3.12	-6.57	0.0
57508	-260.2	152.6	-94.4	87.3	3063.5	251.2	0.0268	0.0274	0.0179	108.49	106.27	162.73	0.00	-2.77	-6.15	0.0
57509	1609.4	460.2	1094.6	435.4	-1285.8	-130.0	0.0447	0.0274	0.0179	61.34	100.15	153.35	0.00	-2.29	-2.77	0.0
57510	1635.3	145.6	1118.4	185.3	1958.9	44.7	0.0268	0.0274	0.0179	125.39	122.84	188.09	0.00	-3.21	-3.97	0.0
57511	1775.4	122.6	777.3	194.9	2160.7	30.7	0.0268	0.0274	0.0179	130.66	127.99	195.98	0.00	-3.38	-4.45	0.0
57512	1728.7	58.2	483.0	153.6	2126.9	25.3	0.0268	0.0274	0.0179	124.14	121.60	186.21	0.00	-3.27	-4.44	0.0
57513	1590.9	19.4	320.8	134.8	2065.2	30.9	0.0268	0.0274	0.0179	116.44	114.07	174.67	0.00	-3.10	-4.33	0.0
57514	1403.8	10.0	251.3	122.4	2017.3	35.4	0.0268	0.0274	0.0179	109.31	107.08	163.97	0.00	-2.92	-4.20	0.0
57515	1195.4	8.8	236.4	115.7	1995.9	38.2	0.0268	0.0274	0.0179	103.45	101.34	155.18	0.00	-2.77	-4.11	0.0
57516	983.0	7.2	236.4	113.0	1999.0	39.8	0.0268	0.0274	0.0179	98.78	96.76	148.17	0.00	-2.64	-4.07	0.0
57517	778.8	5.5	238.1	112.9	2021.1	40.7	0.0179	0.0274	0.0179	142.81	93.27	142.81	0.00	-2.55	-4.08	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
57518	594.5	4.6	239.9	114.6	2056.7	41.4	0.0179	0.0274	0.0179	139.13	90.86	139.13	0.00	-2.49	-4.13	0.0
57519	443.4	5.1	242.4	117.3	2102.1	42.1	0.0179	0.0274	0.0179	137.23	89.62	137.23	0.00	-2.45	-4.22	0.0
57520	335.7	7.5	245.6	120.7	2155.6	43.0	0.0179	0.0274	0.0179	137.21	89.61	137.21	0.00	-2.45	-4.32	0.0
57521	271.1	11.7	248.5	124.7	2217.8	43.9	0.0179	0.0274	0.0179	138.95	90.74	138.95	0.00	-2.48	-4.44	0.0
57522	238.5	16.6	248.5	129.5	2292.0	44.7	0.0179	0.0274	0.0179	142.21	92.87	142.21	0.00	-2.53	-4.59	0.0
57523	224.6	20.7	240.9	135.8	2385.0	44.8	0.0268	0.0274	0.0179	97.88	95.88	146.82	0.00	-2.61	-4.78	0.0
57524	218.9	21.5	219.4	144.5	2507.1	43.1	0.0268	0.0274	0.0179	101.94	99.86	152.90	0.00	-2.72	-5.02	0.0
57525	214.3	16.0	183.5	157.0	2671.9	38.4	0.0268	0.0274	0.0179	107.34	105.15	161.01	0.00	-2.87	-5.35	0.0
57526	205.4	9.2	150.3	175.5	2891.0	-28.6	0.0268	0.0274	0.0179	114.61	112.27	171.92	0.00	-3.06	-5.79	0.0
57527	188.0	17.5	130.6	202.2	3157.5	-29.7	0.0268	0.0274	0.0179	123.90	121.37	185.84	0.00	-3.30	-6.33	0.0
57528	156.1	34.3	121.5	247.1	3426.7	-54.1	0.0268	0.0274	0.0179	133.20	130.48	199.80	0.00	-3.53	-6.87	0.0
57529	96.2	35.3	85.6	284.1	3442.4	-68.8	0.0268	0.0274	0.0179	132.05	129.35	198.07	0.00	-3.49	-6.91	0.0
57530	94.5	224.4	6.4	330.1	2786.1	-230.8	0.0447	0.0274	0.0179	63.54	103.74	158.85	0.00	-2.56	-5.63	0.0
57531	1489.9	469.4	1188.8	-132.4	-1294.9	-226.8	0.0268	0.0274	0.0179	98.63	96.62	147.95	0.00	-2.06	-2.73	0.0
57532	1720.9	195.0	1317.7	149.3	1913.5	-153.3	0.0268	0.0274	0.0179	128.45	125.82	192.67	0.00	-3.18	-3.92	0.0
57533	1868.3	155.5	989.6	-161.4	2138.3	-108.2	0.0268	0.0274	0.0179	135.14	132.38	202.70	0.00	-3.48	-4.38	0.0
57534	1808.6	86.3	687.5	-166.2	2129.0	-64.7	0.0268	0.0274	0.0179	129.00	126.37	193.50	0.00	-3.38	-4.41	0.0
57535	1653.6	42.3	504.1	-170.2	2085.9	-53.2	0.0268	0.0274	0.0179	121.28	118.80	181.92	0.00	-3.21	-4.34	0.0
57536	1453.6	27.1	405.5	-169.5	2049.0	-52.5	0.0268	0.0274	0.0179	113.91	111.58	170.86	0.00	-3.03	-4.24	0.0
57537	1236.1	23.8	364.1	-168.8	2033.5	-53.6	0.0268	0.0274	0.0179	107.78	105.58	161.67	0.00	-2.87	-4.17	0.0
57538	1017.3	22.5	348.8	-168.8	2039.6	-54.1	0.0268	0.0274	0.0179	102.94	100.84	154.41	0.00	-2.74	-4.15	0.0
57539	808.5	21.6	342.0	-169.7	2063.1	-54.3	0.0179	0.0274	0.0179	148.92	97.25	148.92	0.00	-2.65	-4.17	0.0
57540	621.1	21.5	337.6	-171.6	2099.4	-54.2	0.0179	0.0274	0.0179	145.13	94.78	145.13	0.00	-2.58	-4.22	0.0
57541	468.0	22.4	334.0	-174.4	2145.5	-54.3	0.0179	0.0274	0.0179	143.13	93.47	143.13	0.00	-2.54	-4.31	0.0
57542	359.4	24.3	330.5	-178.4	2199.9	-54.5	0.0179	0.0274	0.0179	143.00	93.39	143.00	0.00	-2.54	-4.41	0.0
57543	294.5	27.0	326.2	-183.7	2263.4	-54.8	0.0179	0.0274	0.0179	144.63	94.45	144.63	0.00	-2.56	-4.54	0.0
57544	262.6	29.9	318.9	-190.6	2339.1	-55.0	0.0179	0.0274	0.0179	147.80	96.52	147.80	0.00	-2.62	-4.69	0.0
57545	250.1	31.8	305.8	-199.4	2433.4	-54.5	0.0268	0.0274	0.0179	101.59	99.52	152.39	0.00	-2.70	-4.88	0.0
57546	246.5	30.8	284.7	-211.2	2556.1	-52.2	0.0268	0.0274	0.0179	105.72	103.56	158.58	0.00	-2.81	-5.13	0.0
57547	244.4	25.3	258.9	-226.8	2719.1	-46.7	0.0268	0.0274	0.0179	111.29	109.02	166.93	0.00	-2.96	-5.46	0.0
57548	238.4	21.8	236.0	-246.8	2931.2	-36.4	0.0268	0.0274	0.0179	118.66	116.24	177.99	0.00	-3.16	-5.88	0.0
57549	223.6	30.2	216.6	-267.7	3182.7	50.4	0.0268	0.0274	0.0179	127.20	124.60	190.79	0.00	-3.37	-6.39	0.0
57550	192.1	46.1	198.8	-284.8	3428.9	119.8	0.0268	0.0274	0.0179	135.34	132.58	203.01	0.00	-3.56	-6.89	0.0
57551	134.8	48.6	148.5	-235.2	3426.1	173.0	0.0268	0.0274	0.0179	133.10	130.39	199.65	0.00	-3.50	-6.88	0.0
57552	63.4	229.4	37.1	-174.1	2804.5	366.1	0.0268	0.0274	0.0179	106.75	104.57	160.13	0.00	-2.59	-5.66	0.0
57553	962.1	-13.2	-336.0	95.9	1657.7	-58.0	0.0357	0.0274	0.0179	58.59	76.53	117.18	0.00	-2.10	-3.57	0.0
57554	983.9	-18.0	-369.5	-161.0	1720.0	61.5	0.0357	0.0274	0.0179	60.43	78.93	120.86	0.00	-2.17	-3.71	0.0
57555	1048.4	-14.7	-411.9	83.3	1356.1	-60.8	0.0357	0.0274	0.0179	52.02	67.94	104.04	0.00	-1.87	-3.09	0.0
57556	1088.1	-14.6	-425.0	-142.3	1408.5	68.6	0.0357	0.0274	0.0179	54.11	70.68	108.22	0.00	-1.94	-3.22	0.0
57557	1064.9	3.0	-369.9	78.8	1079.4	-62.8	0.0357	0.0274	0.0179	46.01	60.09	92.02	0.00	-1.63	-2.60	0.0
57558	1121.8	6.9	-327.5	-123.6	1111.7	79.0	0.0357	0.0274	0.0179	48.32	63.11	96.64	0.00	-1.71	-2.67	0.0
57559	999.9	39.1	-126.7	78.6	796.9	-78.6	0.0357	0.0274	0.0179	39.54	51.64	79.08	0.00	-1.36	-1.97	0.0
57560	1062.8	50.5	-75.5	-95.1	809.2	102.0	0.0357	0.0274	0.0179	41.52	54.22	83.03	0.00	-1.40	-2.01	0.0
57561	977.9	198.0	75.4	247.0	432.6	115.1	0.0357	0.0274	0.0179	34.24	44.72	68.48	0.00	-1.10	-1.32	0.0
57562	951.8	209.5	100.0	-195.2	445.8	147.8	0.0357	0.0274	0.0179	32.41	42.33	64.82	0.00	-0.85	-1.36	0.0
57563	511.4	81.8	-502.8	-24.3	1850.1	-91.1	0.0357	0.0274	0.0179	53.87	70.37	107.75	0.00	-1.85	-3.84	0.0
57564	528.0	80.9	-511.6	16.6	1894.6	85.5	0.0357	0.0274	0.0179	55.25	72.17	110.51	0.00	-1.89	-3.93	0.0
57565	492.1	74.1	-635.4	-21.6	1432.0	-85.5	0.0357	0.0274	0.0179	41.14	53.73	82.28	0.00	-1.40	-3.08	0.0
57566	554.0	70.6	-640.4	16.9	1464.2	89.5	0.0357	0.0274	0.0179	43.11	56.31	86.22	0.00	-1.47	-3.17	0.0
57567	423.0	34.2	-716.8	-8.9	1093.7	-59.8	0.0357	0.0274	0.0179	30.43	39.75	60.87	0.00	-1.05	-2.47	0.0
57568	510.2	29.1	-718.0	12.0	1106.6	75.5	0.0357	0.0274	0.0179	32.56	42.53	65.12	0.00	-1.13	-2.54	0.0
57569	381.8	20.3	-580.2	-23.7	828.5	-56.4	0.0357	0.0274	0.0179	24.11	31.48	48.21	0.00	-0.84	-1.92	0.0
57570	466.9	20.2	-595.4	39.7	833.8	60.5	0.0357	0.0274	0.0179	25.99	33.94	51.98	0.00	-0.91	-1.98	0.0
57571	489.6	160.4	-363.3	212.6	645.1	89.2	0.0357	0.0274	0.0179	25.38	33.14	50.75	0.00	-0.82	-1.62	0.0
57572	432.1	146.7	-394.9	-125.4	653.7	-86.7	0.0357	0.0274	0.0179	23.11	30.18	46.22	0.00	-0.71	-1.58	0.0
57573	-172.1	-46.7	-647.0	-86.2	1954.4	297.3	0.0357	0.0274	0.0179	43.93	57.38	87.86	0.00	-1.59	-3.98	0.0
57574	-168.9	-37.7	-606.4	15.0	1978.5	-313.4	0.0357	0.0274	0.0179	45.51	59.44	91.02	0.00	-1.66	-4.03	0.0
57575	-216.8	-62.6	-811.9	-60.8	1396.6	266.8	0.0357	0.0274	0.0179	25.98	33.93	51.96	0.00	-0.97	-2.90	0.0
57576	-166.0	-52.5	-762.4	22.7	1424.5	-228.4	0.0357	0.0274	0.0179	28.16	36.78	56.32	0.00	-1.05	-2.95	0.0
57577	-268.4	-62.0	-906.7	-49.0	1079.7	189.6	0.0357	0.0274	0.0179	15.32	20.01	30.64	0.00	-0.60	-2.28	0.0
57578	-189.2	-54.2	-863.0	54.4	1107.3	-148.6	0.0357	0.0274	0.0179	17.75	23.18	35.49	0.00	-0.68	-2.33	0.0
57579	-261.0	-60.3	-886.7	-34.6	863.6	144.4	0.0357	0.0274	0.0179	9.85	12.86	19.70	0.00	-0.41	-1.86	0.0
57580	-188.8	-52.0	-865.8	72.4	899.2	-96.3	0.0357	0.0274	0.0179	12.13	15.84	24.26	0.00	-0.48	-1.93	0.0
57581	-193.9	29.0	-641.0	126.8	729.4	189.0	0.0357	0.0274	0.0179	12.71	16.60	25.43	0.00	-0.53	-1.64	0.0
57582	-225.2	27.4	-636.5	50.0	752.1	-115.7	0.0357	0.0274	0.0179	9.84	12.86	19.69	0.00	-0.32	-1.57	0.0
57583	-1299.3	24.8	29.3	-75.6	989.2	-44.4	0.0357	0.0274	0.0179	15.86	20.71	31.72	0.00	-0.55	-2.39	0.0
57584	-1301.3	16.3	-65.4	-120.9	1035.9	43.6	0.0179	0.0274	0.0179	29.31	19.14	29.31	0.00	-0.50	-2.42	0.0
57585	-1368.3	37.4	104.0	-77.4	1132.2	-33.8	0.0179	0.0274	0.0179	40.55	26.48	40.55	0.00	-0.69	-2.71	0.0
57586	-1368.8	28.8	10.0	-121.9	1178.7	26.4	0.0179	0.0274	0.0179	38.51	25.15	38.51	0.00	-0.65	-2.74	0.0
57587	-1433.8	40.3	104.0	-75.8	1281.3	-22.7	0.0179	0.0274	0.0179	46.64	30.46	46.64	0.00	-0.80	-2.99	0.0
57588	-1432.7	31.7	7.8	-127.1	1326.9	13.7	0.0179	0.0274	0.0179	44.82	29.27	44.82	0.00	-0.77	-3.03	0.0
57589	-1491.0	38.0	81.4	-71.3	1429.0	-20.9	0.0179	0.0274	0.0179	52.01	33.97	52.01	0.00	-0.89	-3.27	0.0
57590	-1490.0	29.1	-19.3	-134.7	1473.6	19.1	0.0179	0.0274	0.0179	50.12	32.73	50.12	0.00	-0.86	-3.30	0.0
57591	-1545.6	34.8	55.6	74.3	1572.4	-24.1	0.0179	0.0274	0.0179	57.06	37.27	57.06	0.00	-0.98	-3.53	0.0
57592	-1546.4	25.6	-48.6	-143.0	1614.8	27.7	0.0179	0.0274	0.0179	55.14	36.01	55.14	0.00	-0.96	-3.57	0.0
57593	-1596.5	31.1	30.4	81.8	1706.2	-26.8	0.0179	0.0274	0.0179	61.97	40.47	61.97	0.00	-1.07	-3.78	0.0
57594	-1599.7	21.8	-72.7	-151.5	1745.7	33.7	0.0179	0.0274	0.0179	59.98	39.17	59.98	0.00	-1.05	-3.82	0.0
57595	-1639.6	27.2	7.2	88.3	1827.9	-28.5	0.0179	0.0274	0.0179	66.54	43.45	66.54	0.00	-1.16	-4.01	0.0
57596	-1644.8	18.0	-88.9	-159.6	1864.5	37.5	0.0179	0.0274	0.0179	64.70	42.25	64.70	0.00	-1.13	-4.05	0.0
57597	-1668.9	23.0	-13.3	93.9	1937.7	-29.4	0.0179	0.0274	0.0179	70.87	46.28	70.87	0.00	-1.24	-4.22	0.0
57598	-1675.9	14.5	-98.4	-167.4	1972.1	39.6	0.0179	0.0274	0.0179	69.38	45.31	69.38	0.00	-1.22	-4.26	0.0
57599	-1677.7	18.7	-30.8	98.8	2037.0	-30.1	0.0179	0.0274	0.0179	75.18	49.10	75.18	0.00	-1.32	-4.40	0.0
57600	-1686.0	11.2	-103.7	-174.8	2070.2	40.7	0.0179	0.0274	0.0179	74.12	48.41	74.12	0.00	-1.31	-4.44	0.0
57601	-1657.8	14.5	-45.0	103.3	2128.2	-30.8	0.0179	0.0274	0.0179	79.75	52.08	79.75	0.00	-1.41	-4.56	0.0
57602	-1666.9	8.4	-106.7	-181.9	2160.9	41.2	0.0179	0.0274	0.0179	79.13	51.68	79.13	0.00	-1.40	-4.61	0.0
57603	-1600.2	10.9	-55.8	107.6	2213.0	-31.7	0.0179	0.0274	0.0179	84.86	55.42	84.86	0.00	-1.50	-4.69	0.0
57604	-1609.5	6.0	-108.7	-188.7	2245.9	41.4	0.0179	0.0274	0.0179	84.64	55.28	84.64	0.00	-1.50	-4.75	0.0
57605	-1498.8	8.7	-63.4	111.8	2292.4	-32.8	0.0179	0.0274	0.0179	90.75	59.27	90.75	0.00	-1.61	-4.81	0.0
57606	-1507.6	4.3	-110.4	-195.2	2325.9	41.5	0.0179	0.0274	0.0179	90.86	59.34	90.86	0.00	-1.61	-4.87	0.0
57607	-1353.7	7.7	-68.4	115.9	2366.4	-34.2	0.0179	0.0274	0.0179	97.48	63.66	97.48	0.00	-1.73	-4.91	0.0
57608	-1361.3	3.1	-112.5	-201.5	2400.7	41.5	0.0179	0.0274	0.0179	97.83	63.89	97.83	0.00	-1.74	-4.98	0.0
57609	-1171.2	7.4	-71.4	120.0	2433.4	-35.8	0.0179	0.0274	0.0179	104.89	68.50	104.89	0.00	-1.86	-4.99	0.0
57610	-1177.1	2.4	-115.6	-207.3	2468.6	41.4	0.0179	0.0274	0.0179	105.40	68.84	105.40	0.00	-1.88	-5.07	0.0
57611	-960.4	7.2	-73.3	123.9	2490.3	-37.3	0.0179	0.0274	0.0179	112.69	73.59	112.69	0.00	-2.00	-5.06	0.0
57612	-964.3	2.0	-119.9	-212.3	2526.7	41.0	0.0179	0.0274	0.0179	113.32	74.00	113.32	0.00	-2.02	-5.14	0.0
57613	-730.0	7.0	-74.8	127.3	2532.7	-38.4	0.0179	0.0274	0.0179	120.45	78.66	120.45	0.00	-2.14	-5.11	0.0
57614	-731.7	1.8	-124.4	-216.3	2570.2	39.9	0.0179	0.0274	0.0179	121.20	79.15	121.20	0.00	-2.16	-5.19	0.0
57615	-487.9	6.7	-77.1	130.0	2554.6	-38.7	0.0179	0.0274	0.0179	127.68	83.38	127.68	0.00	-2.27	-5.13	0.0
57616	-487.0	1.5	-127.8	-218.6	2593.2	37.6	0.0179	0.0274	0.0179	128.61	83.99	128.61	0.00	-2.29	-5.22	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
57617	-240.8	6.0	-81.7	131.7	2549.5	-37.8	0.0179	0.0274	0.0179	133.80	87.38	133.80	0.00	-2.38	-5.11	0.0
57618	-236.8	1.0	-130.2	-218.6	2588.7	33.6	0.0179	0.0274	0.0179	134.99	88.16	134.99	0.00	-2.41	-5.20	0.0
57619	6.8	4.7	-92.2	132.2	2509.8	-37.0	0.0179	0.0274	0.0179	138.18	90.24	138.18	0.00	-2.46	-5.03	0.0
57620	13.6	0.0	-135.9	-215.7	2548.9	27.6	0.0179	0.0274	0.0179	139.67	91.21	139.67	0.00	-2.49	-5.12	0.0
57621	257.0	2.5	-116.3	130.2	2424.8	-41.5	0.0179	0.0274	0.0179	140.11	91.50	140.11	0.00	-2.50	-4.87	0.0
57622	264.2	-2.2	-155.0	-208.8	2464.8	24.7	0.0179	0.0274	0.0179	141.88	92.66	141.88	0.00	-2.53	-4.97	0.0
57623	522.2	-1.0	-165.4	122.8	2264.0	-55.6	0.0179	0.0274	0.0179	138.19	90.24	138.19	0.00	-2.46	-4.59	0.0
57624	528.6	-6.0	-200.8	-198.5	2309.6	40.2	0.0179	0.0274	0.0179	140.35	91.66	140.35	0.00	-2.51	-4.69	0.0
57625	782.4	-6.5	-246.1	111.1	1987.6	-60.5	0.0357	0.0274	0.0179	64.97	84.86	129.94	0.00	-2.32	-4.11	0.0
57626	792.1	-11.6	-280.8	-183.6	2042.3	54.1	0.0179	0.0274	0.0179	132.75	86.69	132.75	0.00	-2.38	-4.24	0.0
57627	-1285.3	10.8	133.5	11.6	1206.9	48.1	0.0357	0.0274	0.0179	23.13	30.21	46.26	0.00	-0.82	-2.80	0.0
57628	-1299.6	11.6	77.3	21.5	1201.0	39.6	0.0179	0.0274	0.0179	43.41	28.35	43.41	0.00	-0.77	-2.77	0.0
57629	-1373.5	-0.6	204.7	14.8	1381.9	26.8	0.0179	0.0274	0.0179	56.39	36.83	56.39	0.00	-1.01	-3.18	0.0
57630	-1381.2	1.1	141.0	24.9	1381.2	28.2	0.0179	0.0274	0.0179	53.62	35.02	53.62	0.00	-0.96	-3.16	0.0
57631	-1421.3	1.8	206.8	-14.0	1523.8	9.6	0.0179	0.0274	0.0179	62.69	40.94	62.69	0.00	-1.12	-3.46	0.0
57632	-1420.7	1.4	134.6	24.5	1527.9	12.0	0.0179	0.0274	0.0179	59.98	39.17	59.98	0.00	-1.07	-3.43	0.0
57633	-1456.3	1.2	189.4	-17.9	1669.8	6.4	0.0179	0.0274	0.0179	68.72	44.88	68.72	0.00	-1.23	-3.72	0.0
57634	-1454.2	0.9	111.0	27.1	1674.5	10.4	0.0179	0.0274	0.0179	65.87	43.02	65.87	0.00	-1.18	-3.70	0.0
57635	-1487.0	0.7	156.3	-20.4	1814.9	14.0	0.0179	0.0274	0.0179	74.24	48.49	74.24	0.00	-1.33	-3.98	0.0
57636	-1486.5	1.2	76.0	29.7	1815.4	15.4	0.0179	0.0274	0.0179	71.16	46.47	71.16	0.00	-1.27	-3.95	0.0
57637	-1513.9	0.3	116.8	-22.4	1951.6	19.3	0.0179	0.0274	0.0179	79.26	51.76	79.26	0.00	-1.42	-4.23	0.0
57638	-1516.0	1.4	39.2	32.0	1945.9	19.7	0.0179	0.0274	0.0179	75.99	49.62	75.99	0.00	-1.36	-4.19	0.0
57639	-1534.7	0.0	77.7	-24.0	2076.7	22.6	0.0179	0.0274	0.0179	83.88	54.78	83.88	0.00	-1.50	-4.46	0.0
57640	-1539.2	1.6	6.5	33.8	2064.8	22.3	0.0179	0.0274	0.0179	80.53	52.59	80.53	0.00	-1.44	-4.41	0.0
57641	-1545.9	-0.3	43.0	-25.6	2190.1	24.5	0.0179	0.0274	0.0179	88.31	57.67	88.31	0.00	-1.58	-4.66	0.0
57642	-1552.5	1.7	-18.9	35.3	2172.9	23.6	0.0179	0.0274	0.0179	85.02	55.53	85.02	0.00	-1.52	-4.61	0.0
57643	-1543.6	-0.4	14.4	-27.2	2293.6	25.3	0.0179	0.0274	0.0179	92.75	60.57	92.75	0.00	-1.66	-4.85	0.0
57644	-1551.9	1.9	-36.1	36.6	2272.4	23.8	0.0179	0.0274	0.0179	89.66	58.55	89.66	0.00	-1.60	-4.79	0.0
57645	-1523.0	-0.4	-7.7	-28.7	2389.7	25.5	0.0179	0.0274	0.0179	97.45	63.64	97.45	0.00	-1.74	-5.01	0.0
57646	-1532.6	2.0	-46.8	37.8	2365.4	23.6	0.0179	0.0274	0.0179	94.59	61.78	94.59	0.00	-1.69	-4.96	0.0
57647	-1479.2	-0.2	-23.1	-30.1	2480.0	25.5	0.0179	0.0274	0.0179	102.59	67.00	102.59	0.00	-1.83	-5.17	0.0
57648	-1489.6	2.2	-53.5	39.0	2453.5	23.0	0.0179	0.0274	0.0179	99.93	65.26	99.93	0.00	-1.78	-5.11	0.0
57649	-1408.8	0.2	-31.6	-31.4	2565.4	25.2	0.0179	0.0274	0.0179	108.33	70.74	108.33	0.00	-1.94	-5.31	0.0
57650	-1419.1	2.6	-58.3	40.2	2537.5	22.3	0.0179	0.0274	0.0179	105.72	69.04	105.72	0.00	-1.89	-5.26	0.0
57651	-1311.2	0.9	-34.4	-32.6	2645.7	24.8	0.0179	0.0274	0.0179	114.64	74.87	114.64	0.00	-2.05	-5.44	0.0
57652	-1320.8	3.0	-62.3	41.4	2616.7	21.4	0.0179	0.0274	0.0179	111.95	73.11	111.95	0.00	-2.00	-5.38	0.0
57653	-1189.0	1.8	-33.8	-33.7	2718.8	24.1	0.0179	0.0274	0.0179	121.31	79.22	121.31	0.00	-2.17	-5.56	0.0
57654	-1197.6	3.4	-65.5	42.6	2689.4	20.3	0.0179	0.0274	0.0179	118.49	77.38	118.49	0.00	-2.11	-5.50	0.0
57655	-1046.4	2.8	-31.6	-34.6	2781.0	23.0	0.0179	0.0274	0.0179	128.02	83.60	128.02	0.00	-2.28	-5.65	0.0
57656	-1053.7	4.0	-67.6	43.8	2752.0	-18.8	0.0179	0.0274	0.0179	125.07	81.68	125.07	0.00	-2.23	-5.59	0.0
57657	-887.5	3.9	-29.6	-35.5	2826.6	21.2	0.0179	0.0274	0.0179	134.31	87.71	134.31	0.00	-2.40	-5.72	0.0
57658	-893.2	4.5	-68.6	44.7	2799.1	-18.9	0.0179	0.0274	0.0179	131.41	85.82	131.41	0.00	-2.34	-5.66	0.0
57659	-716.7	5.0	-30.4	-36.1	2848.5	18.2	0.0179	0.0274	0.0179	139.63	91.19	139.63	0.00	-2.49	-5.74	0.0
57660	-719.9	5.1	-70.2	45.2	2823.8	-17.9	0.0179	0.0274	0.0179	136.94	89.43	136.94	0.00	-2.44	-5.69	0.0
57661	-538.3	6.3	-37.8	-35.9	2839.6	13.5	0.0179	0.0274	0.0179	143.39	93.64	143.39	0.00	-2.56	-5.70	0.0
57662	-537.9	5.7	-76.3	45.3	2818.7	-15.5	0.0179	0.0274	0.0179	141.06	92.12	141.06	0.00	-2.51	-5.66	0.0
57663	-355.9	7.5	-58.3	-34.6	2795.1	7.0	0.0179	0.0274	0.0179	145.03	94.72	145.03	0.00	-2.58	-5.60	0.0
57664	-351.3	6.0	-93.4	45.0	2778.1	-12.9	0.0179	0.0274	0.0179	143.18	93.51	143.18	0.00	-2.55	-5.56	0.0
57665	-168.5	9.1	-102.5	-30.0	2715.4	10.1	0.0179	0.0274	0.0179	144.37	94.28	144.37	0.00	-2.57	-5.43	0.0
57666	-163.0	7.8	-131.7	44.0	2700.8	-16.4	0.0179	0.0274	0.0179	142.88	93.31	142.88	0.00	-2.55	-5.40	0.0
57667	37.9	2.4	-191.7	-29.5	2596.2	28.8	0.0179	0.0274	0.0179	141.10	92.15	141.10	0.00	-2.52	-5.20	0.0
57668	34.6	2.9	-212.6	46.1	2587.1	-40.1	0.0179	0.0274	0.0179	139.94	91.39	139.94	0.00	-2.50	-5.18	0.0
57669	310.1	28.9	-342.3	-24.3	2314.4	-53.5	0.0357	0.0274	0.0179	64.97	84.86	129.95	0.00	-2.29	-4.68	0.0
57670	301.3	29.4	-355.3	33.5	2324.3	41.8	0.0179	0.0274	0.0179	129.90	84.83	129.90	0.00	-2.29	-4.70	0.0
57671	-1265.4	57.3	353.0	58.4	1393.2	72.2	0.0357	0.0274	0.0179	32.52	42.48	65.05	0.00	-1.11	-3.23	0.0
57672	-1298.5	65.1	362.1	-62.5	1409.6	-93.1	0.0179	0.0274	0.0179	65.97	43.08	65.97	0.00	-1.13	-3.28	0.0
57673	-1333.3	11.0	303.5	-33.0	1549.3	25.3	0.0179	0.0274	0.0179	69.23	45.21	69.23	0.00	-1.23	-3.51	0.0
57674	-1346.6	11.5	270.2	-29.0	1567.1	22.4	0.0179	0.0274	0.0179	68.55	44.77	68.55	0.00	-1.21	-3.53	0.0
57675	-1367.3	2.9	317.6	-15.9	1697.9	11.3	0.0179	0.0274	0.0179	76.69	50.08	76.69	0.00	-1.37	-3.79	0.0
57676	-1368.3	3.5	269.7	-17.2	1719.0	11.6	0.0179	0.0274	0.0179	75.80	49.50	75.80	0.00	-1.35	-3.81	0.0
57677	-1390.3	1.4	297.4	-8.4	1850.0	8.9	0.0179	0.0274	0.0179	83.20	54.33	83.20	0.00	-1.49	-4.07	0.0
57678	-1390.7	0.9	242.0	-11.2	1865.6	6.4	0.0179	0.0274	0.0179	81.80	53.42	81.80	0.00	-1.46	-4.07	0.0
57679	-1408.1	1.9	255.0	4.4	1994.7	9.3	0.0179	0.0274	0.0179	88.66	57.90	88.66	0.00	-1.58	-4.32	0.0
57680	-1409.7	1.4	200.0	-8.3	2001.1	8.1	0.0179	0.0274	0.0179	86.84	56.71	86.84	0.00	-1.55	-4.31	0.0
57681	-1419.5	2.0	203.6	4.9	2126.4	11.7	0.0179	0.0274	0.0179	93.34	60.96	93.34	0.00	-1.67	-4.55	0.0
57682	-1423.1	1.4	153.3	-7.6	2123.7	10.9	0.0179	0.0274	0.0179	91.22	59.57	91.22	0.00	-1.63	-4.53	0.0
57683	-1423.6	2.0	154.6	5.7	2244.6	13.3	0.0179	0.0274	0.0179	97.63	63.76	97.63	0.00	-1.74	-4.76	0.0
57684	-1429.5	1.3	110.9	-7.6	2234.1	12.8	0.0179	0.0274	0.0179	95.34	62.26	95.34	0.00	-1.70	-4.73	0.0
57685	-1420.2	1.8	114.4	6.3	2351.3	14.1	0.0179	0.0274	0.0179	101.86	66.52	101.86	0.00	-1.82	-4.95	0.0
57686	-1428.1	1.1	77.8	-7.9	2334.8	13.8	0.0179	0.0274	0.0179	99.49	64.97	99.49	0.00	-1.78	-4.91	0.0
57687	-1408.7	1.5	85.0	6.6	2449.6	14.2	0.0179	0.0274	0.0179	106.27	69.40	106.27	0.00	-1.90	-5.12	0.0
57688	-1418.7	0.9	54.9	-8.4	2428.8	14.2	0.0179	0.0274	0.0179	103.86	67.83	103.86	0.00	-1.86	-5.08	0.0
57689	-1388.9	1.3	65.2	6.7	2542.4	14.0	0.0179	0.0274	0.0179	110.93	72.45	110.93	0.00	-1.98	-5.29	0.0
57690	-1400.4	0.8	40.2	-8.9	2518.4	14.2	0.0179	0.0274	0.0179	108.51	70.86	108.51	0.00	-1.94	-5.24	0.0
57691	-1359.8	1.1	52.2	6.8	2631.6	13.6	0.0179	0.0274	0.0179	115.87	75.67	115.87	0.00	-2.07	-5.45	0.0
57692	-1372.4	0.7	30.6	-9.4	2605.3	13.9	0.0179	0.0274	0.0179	113.43	74.08	113.43	0.00	-2.03	-5.40	0.0
57693	-1320.5	1.0	43.1	6.9	2718.0	13.1	0.0179	0.0274	0.0179	121.06	79.06	121.06	0.00	-2.16	-5.60	0.0
57694	-1333.5	0.6	23.4	-9.9	2690.0	13.5	0.0179	0.0274	0.0179	118.58	77.44	118.58	0.00	-2.12	-5.55	0.0
57695	-1270.0	1.0	36.2	7.1	2801.3	12.4	0.0179	0.0274	0.0179	126.43	82.57	126.43	0.00	-2.26	-5.75	0.0
57696	-1282.9	0.5	17.1	-10.2	2772.0	13.0	0.0179	0.0274	0.0179	123.90	80.91	123.90	0.00	-2.21	-5.69	0.0
57697	-1207.3	1.0	31.2	7.4	2879.3	11.7	0.0179	0.0274	0.0179	131.89	86.13	131.89	0.00	-2.36	-5.89	0.0
57698	-1219.8	0.5	11.1	-10.5	2849.5	12.3	0.0179	0.0274	0.0179	129.30	84.44	129.30	0.00	-2.31	-5.83	0.0
57699	-1131.1	1.0	27.7	7.6	2948.2	10.6	0.0179	0.0274	0.0179	137.25	89.63	137.25	0.00	-2.45	-6.01	0.0
57700	-1143.3	0.5	5.6	-10.8	2918.6	11.2	0.0179	0.0274	0.0179	134.61	87.91	134.61	0.00	-2.41	-5.95	0.0
57701	-1040.2	1.0	24.5	7.6	3001.5	9.1	0.0179	0.0274	0.0179	142.15	92.83	142.15	0.00	-2.54	-6.10	0.0
57702	-1052.1	0.6	0.3	-11.0	2973.7	9.7	0.0179	0.0274	0.0179	139.54	91.13	139.54	0.00	-2.49	-6.04	0.0
57703	-934.0	1.0	18.5	7.6	3030.3	6.9	0.0179	0.0274	0.0179	146.03	95.36	146.03	0.00	-2.61	-6.14	0.0
57704	-944.8	0.6	-7.2	-11.2	3006.5	7.6	0.0179	0.0274	0.0179	143.62	93.79	143.62	0.00	-2.57	-6.09	0.0
57705	-813.8	0.8	4.4	8.2	3025.4	-5.6	0.0179	0.0274	0.0179	148.18	96.77	148.18	0.00	-2.65	-6.11	0.0
57706	-821.9	0.6	-21.3	-11.8	3007.8	4.8	0.0179	0.0274	0.0179	146.19	95.47	146.19	0.00	-2.61	-6.07	0.0
57707	-683.4	1.0	-25.3	12.0	2979.7	-7.4	0.0179	0.0274	0.0179	147.91	96.59	147.91	0.00	-2.64	-6.00	0.0
57708	-686.7	0.6	-48.4	-14.5	2970.6	4.4	0.0179	0.0274	0.0179	146.61	95.74	146.61	0.00	-2.62	-5.98	0.0
57709	-550.0	0.1	-82.0	17.2	2895.1	10.7	0.0179	0.0274	0.0179	144.85	94.59	144.85	0.00	-2.59	-5.81	0.0
57710	-545.9	0.3	-98.2	-18.5	2892.7	-11.8	0.0179	0.0274	0.0179	144.33	94.26	144.33	0.00	-2.58	-5.80	0.0
57711	-407.1	23.6	-180.3	43.2	2791.2	-39.0	0.0179	0.0274	0.0179	139.87	91.34	139.87	0.00	-2.48	-5.59	0.0
57712	-414.0	25.4	-184.0	-31.7	2789.4	35.1	0.0179	0.0274	0.0179	139.48	91.09	139.48	0.00	-2.47	-5.58	0.0
57713	-222.7	-14.4	-394.8	-63.4	2675.6	105.5	0.0357	0.0274	0.0179	66.26	86.55	132.53	0.00	-2.38	-5.36	0.0
57714	-240.7	-8.0	-376.3	59.3	2700.0	-163.0	0.0179	0.0274	0.0179	133.97	87.49	133.97	0.00	-2.40	-5.41	0.0
57715	-1253.8	-0.3	-224.6	-121.1	938.8	62.1	0.0357	0.0274	0.0179	9.28	12.12	18.56	0.00	-0.32	-2.15	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
57716	-1252.6	7.7	-131.2	-71.1	892.4	-53.8	0.0357	0.0274	0.0179	10.63	13.88	21.26	0.00	-0.39	-2.13	0.0
57717	-1230.9	-21.7	-453.2	-125.6	899.8	83.1	0.0357	0.0274	0.0179	3.86	5.05	7.73	0.00	-0.15	-1.97	0.0
57718	-1231.9	-16.0	-378.4	-64.9	864.3	-63.5	0.0357	0.0274	0.0179	5.47	7.15	10.94	0.00	-0.25	-1.96	0.0
57719	-1227.1	-31.2	-632.5	-133.1	915.7	118.0	0.0357	0.0274	0.0179	1.08	1.41	2.16	0.00	-0.06	-1.95	0.0
57720	-1225.9	-27.7	-604.9	-58.8	896.6	-76.8	0.0357	0.0274	0.0179	2.92	3.81	5.83	0.00	-0.20	-1.97	0.0
57721	-1222.6	-25.9	-726.5	-113.4	901.2	173.1	0.0357	0.0274	0.0179	1.34	1.75	2.68	0.00	-0.14	-1.98	0.0
57722	-1211.1	-19.3	-698.1	75.2	900.9	-105.8	0.0357	0.0274	0.0179	0.69	0.90	1.38	0.00	-0.08	-1.92	0.0
57723	-1195.5	0.0	-815.1	-217.0	726.9	259.5	0.0357	0.0274	0.0179	2.12	2.76	4.23	0.00	-0.35	-1.89	0.0
57724	-1146.1	7.0	-799.1	298.1	676.5	-111.3	0.0357	0.0274	0.0179	2.37	3.09	4.73	0.00	-0.38	-1.81	0.0
57725	-1215.5	35.0	-100.1	15.6	1012.1	58.9	0.0357	0.0274	0.0179	14.13	18.46	28.26	0.00	-0.48	-2.32	0.0
57726	-1205.4	35.2	-56.4	13.2	1012.9	66.7	0.0357	0.0274	0.0179	15.16	19.80	30.31	0.00	-0.51	-2.34	0.0
57727	-1194.3	32.5	-415.3	19.2	877.3	68.8	0.0357	0.0274	0.0179	5.19	6.78	10.37	0.00	-0.18	-1.95	0.0
57728	-1203.4	34.5	-387.3	15.2	891.4	69.2	0.0357	0.0274	0.0179	5.88	7.68	11.76	0.00	-0.20	-1.99	0.0
57729	-1197.1	21.3	-778.0	14.6	819.1	65.9	0.0357	0.0274	0.0179	1.17	1.53	2.35	0.00	-0.20	-1.88	0.0
57730	-1215.1	23.4	-760.4	8.2	836.9	61.5	0.0357	0.0274	0.0179	1.17	1.53	2.34	0.00	-0.18	-1.90	0.0
57731	-1203.1	32.5	-935.1	47.3	795.8	44.6	0.0357	0.0274	0.0179	1.29	1.68	2.58	0.00	-0.32	-1.92	0.0
57732	-1208.4	29.8	-912.0	-35.5	800.5	52.1	0.0357	0.0274	0.0179	0.92	1.20	1.84	0.00	-0.28	-1.91	0.0
57733	-1219.9	9.5	-959.7	-156.1	802.5	113.8	0.0357	0.0274	0.0179	0.82	1.08	1.65	0.00	-0.31	-1.95	0.0
57734	-1154.2	22.4	-944.3	228.2	720.0	94.7	0.0357	0.0274	0.0179	3.79	4.95	7.58	0.00	-0.56	-1.92	0.0
57735	-1260.5	193.3	291.2	-15.6	1009.9	-179.2	0.0357	0.0274	0.0179	23.30	30.43	46.60	0.00	-0.68	-2.59	0.0
57736	-1235.3	181.7	248.9	44.7	1002.8	169.0	0.0357	0.0274	0.0179	22.42	29.29	44.85	0.00	-0.67	-2.54	0.0
57737	-1250.1	152.0	-180.4	26.4	813.3	-148.4	0.0357	0.0274	0.0179	9.40	12.27	18.79	0.00	-0.26	-2.03	0.0
57738	-1258.6	145.9	-226.4	-29.1	810.0	176.3	0.0357	0.0274	0.0179	9.21	12.03	18.42	0.00	-0.29	-2.04	0.0
57739	-1256.7	51.4	-668.5	43.3	770.2	-113.6	0.0357	0.0274	0.0179	2.20	2.88	4.41	0.00	-0.24	-1.87	0.0
57740	-1287.0	37.0	-721.1	-34.4	763.8	156.3	0.0357	0.0274	0.0179	2.43	3.18	4.87	0.00	-0.32	-1.91	0.0
57741	-1264.0	-18.0	-996.2	57.0	796.2	-90.9	0.0357	0.0274	0.0179				-0.01	-0.33	-1.94	
57742	-1290.4	-29.0	-1039.5	-52.4	777.6	152.7	0.0357	0.0274	0.0179				0.00	-0.40	-1.96	
57743	-1295.4	-57.5	-1029.5	-72.5	848.3	-65.5	0.0357	0.0274	0.0179				-0.02	-0.34	-2.02	
57744	-1264.3	-58.6	-1061.1	68.6	790.9	172.4	0.0357	0.0274	0.0179	0.62	0.81	1.24	0.00	-0.47	-1.98	0.0
57745	-1152.0	111.3	422.8	-86.4	1584.4	119.0	0.0179	0.0274	0.0179	78.73	51.41	78.73	0.00	-1.29	-3.55	0.0
57746	-1239.7	5.3	408.8	-38.4	1705.0	29.4	0.0179	0.0274	0.0179	82.72	54.02	82.72	0.00	-1.47	-3.79	0.0
57747	-1281.6	5.2	403.7	-19.6	1864.4	14.6	0.0179	0.0274	0.0179	89.92	58.72	89.92	0.00	-1.60	-4.09	0.0
57748	-1307.9	0.0	367.3	-10.7	2008.5	10.4	0.0179	0.0274	0.0179	95.45	62.33	95.45	0.00	-1.71	-4.35	0.0
57749	-1321.2	0.7	311.1	-4.3	2134.1	11.1	0.0179	0.0274	0.0179	99.59	65.04	99.59	0.00	-1.78	-4.57	0.0
57750	-1322.0	1.0	250.4	1.9	2241.9	10.3	0.0179	0.0274	0.0179	102.95	67.23	102.95	0.00	-1.84	-4.75	0.0
57751	-1312.5	1.0	197.0	2.6	2336.4	9.7	0.0179	0.0274	0.0179	106.18	69.34	106.18	0.00	-1.90	-4.91	0.0
57752	-1297.3	0.9	156.8	3.1	2423.0	8.8	0.0179	0.0274	0.0179	109.64	71.60	109.64	0.00	-1.96	-5.06	0.0
57753	-1280.9	0.8	129.8	3.2	2505.7	8.0	0.0179	0.0274	0.0179	113.45	74.09	113.45	0.00	-2.03	-5.21	0.0
57754	-1266.6	0.7	112.9	3.0	2587.1	7.2	0.0179	0.0274	0.0179	117.54	76.76	117.54	0.00	-2.10	-5.36	0.0
57755	-1255.5	0.7	101.9	2.8	2668.8	6.6	0.0179	0.0274	0.0179	121.81	79.55	121.81	0.00	-2.18	-5.51	0.0
57756	-1247.2	0.6	93.4	2.8	2751.1	6.1	0.0179	0.0274	0.0179	126.16	82.39	126.16	0.00	-2.25	-5.66	0.0
57757	-1240.5	0.6	85.4	3.0	2834.0	5.9	0.0179	0.0274	0.0179	130.53	85.25	130.53	0.00	-2.33	-5.82	0.0
57758	-1233.4	0.6	77.3	3.2	2915.8	5.8	0.0179	0.0274	0.0179	134.87	88.08	134.87	0.00	-2.41	-5.98	0.0
57759	-1221.7	0.5	69.1	3.4	2993.7	5.7	0.0179	0.0274	0.0179	139.11	90.85	139.11	0.00	-2.49	-6.12	0.0
57760	-1198.6	0.5	60.5	3.4	3062.0	5.7	0.0179	0.0274	0.0179	143.07	93.43	143.07	0.00	-2.56	-6.25	0.0
57761	-1155.8	0.4	48.9	3.3	3111.9	5.8	0.0179	0.0274	0.0179	146.39	95.60	146.39	0.00	-2.62	-6.34	0.0
57762	-1086.3	0.1	29.3	5.5	3131.4	-6.5	0.0179	0.0274	0.0179	148.40	96.91	148.40	0.00	-2.65	-6.36	0.0
57763	-988.6	0.6	-5.0	10.4	3108.1	7.3	0.0179	0.0274	0.0179	148.28	96.83	148.28	0.00	-2.65	-6.29	0.0
57764	-866.3	1.3	-62.0	19.4	3037.8	-18.2	0.0179	0.0274	0.0179	145.49	95.01	145.49	0.00	-2.60	-6.13	0.0
57765	-723.5	22.8	-154.7	37.4	2922.0	62.9	0.0179	0.0274	0.0179	139.81	91.31	139.81	0.00	-2.48	-5.87	0.0
57766	-494.8	50.6	-283.9	-104.8	2933.2	-267.2	0.0179	0.0274	0.0179	144.00	94.04	144.00	0.00	-2.55	-5.90	0.0
57767	-1123.3	102.0	416.0	-80.6	1531.8	-89.4	0.0357	0.0274	0.0179	38.37	50.12	76.75	0.00	-1.28	-3.44	0.0
57768	-1228.4	6.3	429.5	37.0	1667.3	20.6	0.0179	0.0274	0.0179	81.89	53.48	81.89	0.00	-1.46	-3.73	0.0
57769	-1274.8	3.4	437.1	-22.7	1834.0	11.0	0.0179	0.0274	0.0179	89.81	58.65	89.81	0.00	-1.60	-4.05	0.0
57770	-1299.3	0.3	401.6	-11.2	1992.9	11.5	0.0179	0.0274	0.0179	96.12	62.77	96.12	0.00	-1.72	-4.33	0.0
57771	-1308.6	0.3	340.0	-5.5	2132.6	10.4	0.0179	0.0274	0.0179	100.83	65.85	100.83	0.00	-1.80	-4.57	0.0
57772	-1304.3	0.5	271.8	-2.2	2251.2	10.2	0.0179	0.0274	0.0179	104.57	68.29	104.57	0.00	-1.87	-4.77	0.0
57773	-1290.2	0.5	212.0	-1.5	2353.4	9.5	0.0179	0.0274	0.0179	108.06	70.57	108.06	0.00	-1.93	-4.94	0.0
57774	-1271.5	0.4	167.2	-1.7	2445.0	8.7	0.0179	0.0274	0.0179	111.71	72.95	111.71	0.00	-2.00	-5.10	0.0
57775	-1253.0	0.4	137.7	-1.8	2531.2	7.9	0.0179	0.0274	0.0179	115.68	75.54	115.68	0.00	-2.07	-5.25	0.0
57776	-1237.4	0.4	119.7	-1.8	2615.2	7.2	0.0179	0.0274	0.0179	119.91	78.31	119.91	0.00	-2.14	-5.40	0.0
57777	-1225.3	0.3	108.2	-1.9	2698.9	6.6	0.0179	0.0274	0.0179	124.30	81.17	124.30	0.00	-2.22	-5.56	0.0
57778	-1216.2	0.3	99.5	-2.1	2782.9	6.1	0.0179	0.0274	0.0179	128.76	84.09	128.76	0.00	-2.30	-5.72	0.0
57779	-1208.9	0.2	91.4	-2.3	2867.1	5.9	0.0179	0.0274	0.0179	133.23	87.01	133.23	0.00	-2.38	-5.88	0.0
57780	-1200.9	0.2	83.5	-2.5	2950.0	5.8	0.0179	0.0274	0.0179	137.66	89.90	137.66	0.00	-2.46	-6.04	0.0
57781	-1188.4	0.1	76.0	-2.5	3028.2	5.7	0.0179	0.0274	0.0179	141.97	92.72	141.97	0.00	-2.54	-6.19	0.0
57782	-1165.4	0.0	68.9	-2.3	3095.5	5.7	0.0179	0.0274	0.0179	145.93	95.30	145.93	0.00	-2.61	-6.31	0.0
57783	-1124.2	-0.1	59.2	-2.6	3141.7	5.7	0.0179	0.0274	0.0179	149.09	97.36	149.09	0.00	-2.66	-6.39	0.0
57784	-1058.6	-0.2	41.3	-5.3	3153.8	6.2	0.0179	0.0274	0.0179	150.67	98.39	150.67	0.00	-2.69	-6.40	0.0
57785	-967.9	0.9	6.6	-10.2	3118.8	-9.3	0.0179	0.0274	0.0179	149.73	97.79	149.73	0.00	-2.68	-6.31	0.0
57786	-857.7	0.0	-55.1	-20.1	3033.9	14.9	0.0179	0.0274	0.0179	145.70	95.15	145.70	0.00	-2.60	-6.12	0.0
57787	-721.1	24.3	-160.4	-38.4	2917.0	-36.1	0.0179	0.0274	0.0179	139.37	91.02	139.37	0.00	-2.47	-5.86	0.0
57788	-515.5	34.0	-304.2	83.1	2879.4	170.7	0.0357	0.0274	0.0179	69.52	90.80	139.03	0.00	-2.46	-5.78	0.0
57789	-991.3	126.4	414.7	65.7	1729.1	159.2	0.0179	0.0274	0.0179	89.39	58.38	89.39	0.00	-1.49	-3.75	0.0
57790	-1084.6	-13.1	526.5	-47.8	1823.1	-33.2	0.0179	0.0274	0.0179	96.00	62.70	96.00	0.00	-1.73	-3.99	0.0
57791	-1074.8	4.2	538.3	-21.2	1973.8	14.6	0.0179	0.0274	0.0179	104.30	68.11	104.30	0.00	-1.86	-4.26	0.0
57792	-982.4	0.2	485.2	-13.5	2111.4	13.6	0.0179	0.0274	0.0179	111.16	72.60	111.16	0.00	-1.99	-4.47	0.0
57793	-908.7	1.2	405.2	-5.7	2219.3	16.3	0.0179	0.0274	0.0179	115.42	75.38	115.42	0.00	-2.06	-4.63	0.0
57794	-865.5	1.5	324.4	-2.0	2303.8	16.7	0.0179	0.0274	0.0179	118.00	77.06	118.00	0.00	-2.11	-4.76	0.0
57795	-851.8	1.4	257.5	-1.0	2375.5	16.7	0.0179	0.0274	0.0179	119.87	78.28	119.87	0.00	-2.14	-4.88	0.0
57796	-861.5	1.3	209.1	-1.3	2442.9	16.4	0.0179	0.0274	0.0179	121.68	79.46	121.68	0.00	-2.17	-5.00	0.0
57797	-887.4	1.2	177.6	-1.4	2510.5	16.1	0.0179	0.0274	0.0179	123.74	80.81	123.74	0.00	-2.21	-5.13	0.0
57798	-921.5	1.1	158.6	-1.4	2580.8	15.7	0.0179	0.0274	0.0179	126.19	82.41	126.19	0.00	-2.25	-5.27	0.0
57799	-954.2	1.0	146.8	-1.4	2654.7	15.3	0.0179	0.0274	0.0179	129.12	84.32	129.12	0.00	-2.31	-5.42	0.0
57800	-975.7	0.9	138.2	-1.6	2732.6	14.9	0.0179	0.0274	0.0179	132.61	86.60	132.61	0.00	-2.37	-5.58	0.0
57801	-984.9	0.9	130.6	-1.8	2814.5	14.5	0.0179	0.0274	0.0179	136.64	89.24	136.64	0.00	-2.44	-5.74	0.0
57802	-988.9	0.9	123.3	-1.9	2900.0	14.0	0.0179	0.0274	0.0179	141.01	92.09	141.01	0.00	-2.52	-5.91	0.0
57803	-993.8	0.8	116.4	-1.8	2987.9	13.4	0.0179	0.0274	0.0179	145.50	95.02	145.50	0.00	-2.60	-6.08	0.0
57804	-1002.4	0.7	109.0	-1.3	3074.3	12.6	0.0179	0.0274	0.0179	149.81	97.83	149.81	0.00	-2.68	-6.25	0.0
57805	-1015.9	0.6	97.8	-1.8	3151.3	11.7	0.0179	0.0274	0.0179	153.37	100.16	153.37	0.00	-2.74	-6.40	0.0
57806	-1033.6	0.2	77.3	-5.0	3204.9	-10.8	0.0179	0.0274	0.0179	155.24	101.38	155.24	0.00	-2.77	-6.51	0.0
57807	-1053.1	-0.2	39.8	-10.9	3216.6	9.5	0.0179	0.0274	0.0179	154.21	100.71	154.21	0.00	-2.76	-6.53	0.0
57808	-1066.4	1.9	-23.0	-23.6	3174.4	-17.7	0.0179	0.0274	0.0179	149.54	97.66	149.54	0.00	-2.67	-6.43	0.0
57809	-976.6	-5.2	-120.2	38.0	3111.2	69.2	0.0179	0.0274	0.0179	145.17	94.80	145.17	0.00	-2.60	-6.28	0.0
57810	-761.8	109.0	-212.4	-101.8	3201.0	-340.6	0.0179	0.0274	0.0179	154.67	101.01	154.67	0.00	-2.69	-6.47	0.0
57811	-979.8	128.5	439.3	-85.8	1652.8	-108.8	0.0357	0.0274	0.0179	43.14	56.34	86.27	0.00	-1.43	-3.61	0.0
57812	-1104.4	-8.5	547.7	43.0	1775.5	31.7	0.0179	0.0274	0.0179	94.07	61.44	94.07	0.00	-1.69	-3.92	0.0
57813	-1076.8	4.3	556.1	-26.6	1943.1	10.0	0.0179	0.0274	0.0179	103.37	67.50	103.37	0.00	-1.84	-4.22	0.0
57814	-997.0	1.0	491.8	-11.2	2101.4	15.9	0.0179	0.0274	0.0179	110.61	72.23	110.61	0.00	-1.98	-4.46	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
57815	-927.2	1.6	400.0	-5.1	2225.6	16.3	0.0179	0.0274	0.0179	115.20	75.23	115.20	0.00	-2.06	-4.64	0.0
57816	-880.3	1.7	310.0	2.9	2319.9	16.8	0.0179	0.0274	0.0179	118.06	77.10	118.06	0.00	-2.11	-4.79	0.0
57817	-859.7	1.5	238.2	3.3	2397.0	16.7	0.0179	0.0274	0.0179	120.21	78.50	120.21	0.00	-2.15	-4.92	0.0
57818	-861.8	1.3	188.8	3.6	2467.2	16.4	0.0179	0.0274	0.0179	122.32	79.88	122.32	0.00	-2.18	-5.05	0.0
57819	-880.3	1.1	159.2	3.5	2536.7	16.0	0.0179	0.0274	0.0179	124.72	81.45	124.72	0.00	-2.23	-5.18	0.0
57820	-907.7	1.0	142.9	3.2	2608.4	15.7	0.0179	0.0274	0.0179	127.49	83.26	127.49	0.00	-2.28	-5.32	0.0
57821	-935.5	0.9	133.4	3.0	2683.6	15.3	0.0179	0.0274	0.0179	130.67	85.33	130.67	0.00	-2.33	-5.47	0.0
57822	-956.1	0.9	126.3	3.0	2762.6	14.9	0.0179	0.0274	0.0179	134.31	87.71	134.31	0.00	-2.40	-5.63	0.0
57823	-968.2	0.8	119.3	3.2	2845.7	14.5	0.0179	0.0274	0.0179	138.36	90.36	138.36	0.00	-2.47	-5.79	0.0
57824	-976.1	0.7	111.7	3.5	2932.6	14.0	0.0179	0.0274	0.0179	142.71	93.20	142.71	0.00	-2.55	-5.97	0.0
57825	-984.5	0.7	104.6	3.9	3021.5	13.5	0.0179	0.0274	0.0179	147.17	96.11	147.17	0.00	-2.63	-6.14	0.0
57826	-995.8	0.6	98.0	4.2	3108.3	12.7	0.0179	0.0274	0.0179	151.47	98.92	151.47	0.00	-2.71	-6.31	0.0
57827	-1010.6	0.5	89.3	4.6	3183.6	11.6	0.0179	0.0274	0.0179	155.00	101.22	155.00	0.00	-2.77	-6.46	0.0
57828	-1027.6	0.2	72.3	6.8	3231.6	10.7	0.0179	0.0274	0.0179	156.70	102.33	156.70	0.00	-2.80	-6.56	0.0
57829	-1043.2	0.4	38.5	11.7	3231.3	-12.4	0.0179	0.0274	0.0179	155.21	101.36	155.21	0.00	-2.77	-6.55	0.0
57830	-1053.1	1.5	-22.6	23.6	3174.6	12.7	0.0179	0.0274	0.0179	149.87	97.88	149.87	0.00	-2.68	-6.43	0.0
57831	-1003.8	1.0	-122.5	-48.2	3108.7	-56.7	0.0179	0.0274	0.0179	144.29	94.23	144.29	0.00	-2.58	-6.28	0.0
57832	-820.4	99.7	-214.4	82.4	3133.5	195.8	0.0357	0.0274	0.0179	74.04	96.70	148.08	0.00	-2.56	-6.31	0.0
57833	-281.0	218.5	497.7	76.5	1715.5	161.8	0.0268	0.0274	0.0179	70.34	68.90	105.51	0.00	-1.68	-3.54	0.0
57834	-258.9	-6.5	662.0	-50.7	1878.3	23.6	0.0268	0.0274	0.0179	79.66	78.03	119.49	0.00	-2.14	-3.87	0.0
57835	-205.8	6.0	683.3	18.7	2051.5	24.1	0.0268	0.0274	0.0179	87.22	85.44	130.83	0.00	-2.33	-4.20	0.0
57836	-140.3	3.3	593.6	-11.1	2179.3	20.5	0.0268	0.0274	0.0179	90.89	89.03	136.33	0.00	-2.43	-4.42	0.0
57837	-112.6	2.1	476.0	10.5	2256.0	23.4	0.0268	0.0274	0.0179	91.65	89.78	137.48	0.00	-2.46	-4.55	0.0
57838	-129.3	1.5	372.3	10.5	2305.9	24.4	0.0268	0.0274	0.0179	91.06	89.21	136.60	0.00	-2.44	-4.64	0.0
57839	-180.3	0.8	294.2	10.6	2348.3	25.2	0.0268	0.0274	0.0179	90.18	88.34	135.26	0.00	-2.42	-4.72	0.0
57840	-253.9	0.5	240.8	10.5	2392.9	25.4	0.0268	0.0274	0.0179	89.50	87.67	134.25	0.00	-2.40	-4.81	0.0
57841	-338.8	0.5	207.1	10.3	2443.7	25.4	0.0179	0.0274	0.0179	133.91	87.45	133.91	0.00	-2.39	-4.92	0.0
57842	-423.9	0.5	187.2	10.2	2501.4	25.2	0.0179	0.0274	0.0179	134.40	87.77	134.40	0.00	-2.40	-5.04	0.0
57843	-497.1	0.5	175.7	10.2	2566.1	24.9	0.0179	0.0274	0.0179	135.83	88.71	135.83	0.00	-2.43	-5.18	0.0
57844	-548.6	0.5	168.3	10.4	2637.5	24.6	0.0179	0.0274	0.0179	138.31	90.32	138.31	0.00	-2.47	-5.32	0.0
57845	-577.3	0.5	162.8	10.7	2716.2	24.3	0.0179	0.0274	0.0179	141.80	92.61	141.80	0.00	-2.53	-5.48	0.0
57846	-591.4	0.5	158.6	11.2	2803.3	23.8	0.0179	0.0274	0.0179	146.16	95.45	146.16	0.00	-2.61	-5.66	0.0
57847	-599.5	0.3	155.4	12.0	2900.1	23.1	0.0268	0.0274	0.0179	100.82	98.76	151.23	0.00	-2.70	-5.85	0.0
57848	-607.3	0.2	151.5	13.0	3006.5	21.6	0.0268	0.0274	0.0179	104.54	102.41	156.82	0.00	-2.80	-6.06	0.0
57849	-617.6	0.3	143.6	14.3	3118.4	19.3	0.0268	0.0274	0.0179	108.36	106.14	162.53	0.00	-2.90	-6.28	0.0
57850	-630.6	0.2	126.4	15.8	3223.7	-16.0	0.0268	0.0274	0.0179	111.67	109.39	167.51	0.00	-2.99	-6.49	0.0
57851	-644.4	0.9	92.0	18.3	3296.6	-12.4	0.0268	0.0274	0.0179	113.43	111.12	170.15	0.00	-3.04	-6.63	0.0
57852	-652.5	2.8	30.4	22.2	3303.4	-25.3	0.0268	0.0274	0.0179	112.28	109.99	168.42	0.00	-3.01	-6.64	0.0
57853	-641.2	11.2	-66.9	38.4	3251.3	44.7	0.0268	0.0274	0.0179	108.59	106.37	162.88	0.00	-2.90	-6.53	0.0
57854	-639.8	134.8	-156.1	-56.8	3227.1	-314.3	0.0268	0.0274	0.0179	106.86	104.68	160.29	0.00	-2.75	-6.51	0.0
57855	-149.2	225.9	528.0	-165.2	1631.3	-100.6	0.0447	0.0274	0.0179	41.98	68.54	104.94	0.00	-1.67	-3.35	0.0
57856	-272.8	-4.8	670.2	38.1	1835.9	28.0	0.0268	0.0274	0.0179	78.15	76.56	117.23	0.00	-2.10	-3.79	0.0
57857	-249.0	3.7	671.2	-32.5	2033.8	8.7	0.0268	0.0274	0.0179	85.66	83.91	128.49	0.00	-2.29	-4.17	0.0
57858	-195.1	1.6	559.1	-13.6	2183.0	18.8	0.0268	0.0274	0.0179	89.43	87.60	134.14	0.00	-2.40	-4.43	0.0
57859	-160.9	1.1	426.1	-7.9	2272.1	21.9	0.0268	0.0274	0.0179	90.41	88.56	135.61	0.00	-2.42	-4.58	0.0
57860	-166.5	0.7	315.1	-4.9	2326.8	24.1	0.0268	0.0274	0.0179	90.03	88.20	135.05	0.00	-2.41	-4.68	0.0
57861	-206.7	0.2	235.7	-4.4	2370.5	25.0	0.0268	0.0274	0.0179	89.35	87.53	134.03	0.00	-2.40	-4.76	0.0
57862	-271.4	0.0	184.9	-4.6	2415.2	25.4	0.0268	0.0274	0.0179	88.89	87.07	133.33	0.00	-2.38	-4.85	0.0
57863	-349.4	-0.1	156.4	-4.9	2466.0	25.3	0.0179	0.0274	0.0179	133.31	87.06	133.31	0.00	-2.38	-4.96	0.0
57864	-429.5	-0.1	142.5	-5.2	2523.9	25.0	0.0179	0.0274	0.0179	134.10	87.58	134.10	0.00	-2.40	-5.08	0.0
57865	-499.7	-0.1	135.7	-5.6	2588.9	24.6	0.0179	0.0274	0.0179	135.77	88.67	135.77	0.00	-2.43	-5.22	0.0
57866	-550.1	-0.1	131.5	-5.8	2660.9	24.2	0.0179	0.0274	0.0179	138.40	90.38	138.40	0.00	-2.47	-5.37	0.0
57867	-579.8	0.0	127.4	-6.0	2740.4	23.7	0.0179	0.0274	0.0179	141.96	92.71	141.96	0.00	-2.54	-5.53	0.0
57868	-595.9	0.1	123.3	-6.0	2828.6	23.1	0.0179	0.0274	0.0179	146.32	95.56	146.32	0.00	-2.62	-5.70	0.0
57869	-606.7	0.0	120.2	-6.0	2926.8	22.2	0.0268	0.0274	0.0179	100.94	98.88	151.41	0.00	-2.71	-5.90	0.0
57870	-617.7	-0.1	117.8	-5.8	3035.0	20.7	0.0268	0.0274	0.0179	104.72	102.58	157.07	0.00	-2.81	-6.11	0.0
57871	-631.1	-0.1	112.9	-6.0	3148.3	18.3	0.0268	0.0274	0.0179	108.59	106.38	162.89	0.00	-2.91	-6.34	0.0
57872	-646.9	-0.3	100.7	-8.4	3252.9	15.3	0.0268	0.0274	0.0179	111.95	109.67	167.93	0.00	-3.00	-6.55	0.0
57873	-661.6	0.1	73.8	-14.8	3319.1	-14.6	0.0268	0.0274	0.0179	113.61	111.29	170.41	0.00	-3.05	-6.68	0.0
57874	-665.1	2.0	22.3	-26.1	3313.9	9.4	0.0268	0.0274	0.0179	112.29	110.00	168.44	0.00	-3.01	-6.66	0.0
57875	-648.8	15.1	-63.0	-43.2	3249.7	-53.8	0.0268	0.0274	0.0179	108.50	106.28	162.75	0.00	-2.90	-6.53	0.0
57876	-578.5	138.4	-138.2	98.7	3155.0	180.9	0.0447	0.0274	0.0179	63.10	103.02	157.74	0.00	-2.69	-6.34	0.0
57877	688.0	264.8	712.0	112.1	1572.2	122.5	0.0268	0.0274	0.0179	85.27	83.53	127.90	0.00	-2.03	-3.16	0.0
57878	679.6	-5.5	901.7	-97.3	1880.8	-37.0	0.0268	0.0274	0.0179	99.89	97.85	149.84	0.00	-2.68	-3.77	0.0
57879	746.9	1.5	852.0	-32.7	2115.1	12.9	0.0268	0.0274	0.0179	108.75	106.53	163.12	0.00	-2.91	-4.23	0.0
57880	788.4	0.1	672.6	-38.9	2206.2	19.4	0.0268	0.0274	0.0179	109.57	107.34	164.36	0.00	-2.94	-4.42	0.0
57881	748.5	1.8	507.6	-35.0	2226.0	26.6	0.0268	0.0274	0.0179	106.58	104.41	159.87	0.00	-2.85	-4.46	0.0
57882	653.1	5.3	389.9	-35.0	2230.2	30.7	0.0268	0.0274	0.0179	102.79	100.69	154.18	0.00	-2.75	-4.47	0.0
57883	524.4	6.9	314.2	-35.2	2239.7	32.8	0.0268	0.0274	0.0179	99.28	97.25	148.92	0.00	-2.65	-4.49	0.0
57884	379.6	7.7	270.4	-35.7	2261.8	33.6	0.0268	0.0274	0.0179	96.52	94.55	144.78	0.00	-2.58	-4.53	0.0
57885	232.2	7.9	247.1	-36.4	2296.7	33.7	0.0179	0.0274	0.0179	141.92	92.68	141.92	0.00	-2.53	-4.59	0.0
57886	94.7	7.7	234.9	-37.2	2342.7	33.3	0.0179	0.0274	0.0179	140.36	91.66	140.36	0.00	-2.50	-4.69	0.0
57887	-19.7	7.3	227.7	-38.1	2397.7	32.8	0.0179	0.0274	0.0179	140.16	91.53	140.16	0.00	-2.50	-4.80	0.0
57888	-100.7	6.9	222.5	-39.1	2461.2	32.3	0.0179	0.0274	0.0179	141.42	92.35	141.42	0.00	-2.52	-4.93	0.0
57889	-148.0	6.4	217.3	-40.1	2533.8	31.7	0.0179	0.0274	0.0179	144.08	94.09	144.08	0.00	-2.57	-5.08	0.0
57890	-171.3	5.9	211.2	-41.3	2618.1	30.9	0.0179	0.0274	0.0179	148.00	96.65	148.00	0.00	-2.64	-5.25	0.0
57891	-182.0	5.3	204.3	-42.6	2718.4	29.8	0.0268	0.0274	0.0179	102.07	99.99	153.11	0.00	-2.73	-5.45	0.0
57892	-188.2	4.4	197.5	-44.1	2839.8	28.1	0.0268	0.0274	0.0179	106.35	104.18	159.52	0.00	-2.85	-5.69	0.0
57893	-195.0	3.4	189.4	-46.1	2985.7	-25.6	0.0268	0.0274	0.0179	111.53	109.26	167.30	0.00	-2.99	-5.98	0.0
57894	-205.0	2.6	176.1	-48.9	3151.5	-21.8	0.0268	0.0274	0.0179	117.26	114.87	175.90	0.00	-3.14	-6.32	0.0
57895	-218.8	4.5	151.8	-54.5	3314.8	15.5	0.0268	0.0274	0.0179	122.60	120.10	183.90	0.00	-3.28	-6.64	0.0
57896	-237.1	13.6	105.1	-60.7	3406.8	-12.9	0.0268	0.0274	0.0179	124.81	122.26	187.21	0.00	-3.33	-6.82	0.0
57897	-245.0	45.6	13.8	-87.2	3315.2	72.5	0.0268	0.0274	0.0179	119.45	117.01	179.17	0.00	-3.15	-6.64	0.0
57898	-269.9	145.7	-91.9	-78.5	3094.8	-254.2	0.0268	0.0274	0.0179	109.49	107.26	164.24	0.00	-2.81	-6.22	0.0
57899	851.1	289.6	726.5	-242.0	1485.5	70.0	0.0447	0.0274	0.0179	51.11	83.45	127.78	0.00	-1.96	-3.03	0.0
57900	620.8	-6.1	862.4	77.0	1851.9	76.8	0.0268	0.0274	0.0179	97.06	95.08	145.59	0.00	-2.61	-3.72	0.0
57901	667.4	1.0	780.2	-24.2	2120.9	38.5	0.0268	0.0274	0.0179	106.14	103.97	159.21	0.00	-2.84	-4.24	0.0
57902	710.4	1.3	576.7	37.7	2229.8	35.6	0.0268	0.0274	0.0179	107.25	105.06	160.88	0.00	-2.87	-4.46	0.0
57903	687.0	4.1	403.3	34.6	2254.4	33.1	0.0268	0.0274	0.0179	104.63	102.49	156.94	0.00	-2.80	-4.52	0.0
57904	607.5	7.3	287.3	32.5	2258.1	34.4	0.0268	0.0274	0.0179	101.16	99.10	151.74	0.00	-2.71	-4.53	0.0
57905	491.3	8.3	218.9	30.8	2265.8	35.4	0.0268	0.0274	0.0179	97.95	95.95	146.92	0.00	-2.62	-4.54	0.0
57906	355.7	8.4	185.5	29.8	2286.2	35.9	0.0268	0.0274	0.0179	95.47	93.52	143.20	0.00	-2.55	-4.58	0.0
57907	214.8	8.0	172.7	29.4	2320.0	36.0	0.0179	0.0274	0.0179	140.70	91.89	140.70	0.00	-2.51	-4.64	0.0
57908	81.6	7.4	168.2	29.5	2365.2	35.9	0.0179	0.0274	0.0179	139.40	91.04	139.40	0.00	-2.48	-4.73	0.0
57909	-30.3	6.8	166.6	30.0	2420.0	35.8	0.0179	0.0274	0.0179	139.38	91.02	139.38	0.00	-2.49	-4.84	0.0
57910	-110.3	6.2	165.9	30.7	2483.4	35.8	0.0179	0.0274	0.0179	140.78	91.93	140.78	0.00	-2.51	-4.98	0.0
57911	-158.0	5.8	164.3	31.8	2556.2	35.7	0.0179	0.0274	0.0179	143.54	93.74	143.54	0.00	-2.56	-5.12	0.0
57912	-183.0	5.4	159.7	33.2	2641.1	35.5	0.0179	0.0274	0.0179	147.49	96.32	147.49	0.00	-2.63	-5.29	0.0
57913	-196.2	5.0	151.6	35.2	2742.5	34.8	0.0268	0.0274	0.0179	101.71	99.63	152.56	0.00	-2.72	-5.50	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
57914	-205.9	4.3	143.2	38.2	2866.0	33.1	0.0268	0.0274	0.0179	105.97	103.81	158.95	0.00	-2.84	-5.74	0.0
57915	-216.8	3.4	136.0	42.3	3015.4	29.4	0.0268	0.0274	0.0179	111.19	108.93	166.79	0.00	-2.98	-6.04	0.0
57916	-231.5	1.8	126.4	47.6	3185.6	23.6	0.0268	0.0274	0.0179	117.09	114.70	175.63	0.00	-3.14	-6.38	0.0
57917	-249.6	1.7	109.8	53.2	3350.5	-28.2	0.0268	0.0274	0.0179	122.56	120.06	183.84	0.00	-3.28	-6.71	0.0
57918	-266.2	7.1	77.5	50.8	3434.1	-26.8	0.0268	0.0274	0.0179	124.74	122.20	187.12	0.00	-3.34	-6.88	0.0
57919	-267.3	38.6	7.9	63.5	3315.9	-103.8	0.0268	0.0274	0.0179	118.97	116.54	178.45	0.00	-3.15	-6.64	0.0
57920	-172.7	161.1	-69.1	145.0	3024.6	141.1	0.0447	0.0274	0.0179	65.33	106.66	163.32	0.00	-2.77	-6.06	0.0
57921	1509.5	473.1	1227.3	159.3	1296.1	223.7	0.0268	0.0274	0.0179	100.88	98.82	151.32	0.00	-2.25	-2.65	0.0
57922	1735.3	194.4	1344.2	-129.4	1960.6	152.7	0.0268	0.0274	0.0179	130.93	128.26	196.40	0.00	-3.26	-4.00	0.0
57923	1885.6	155.2	1001.8	180.1	2183.0	109.4	0.0268	0.0274	0.0179	137.40	134.59	206.09	0.00	-3.54	-4.47	0.0
57924	1826.3	85.2	689.5	185.3	2170.2	65.8	0.0268	0.0274	0.0179	130.98	128.31	196.48	0.00	-3.43	-4.50	0.0
57925	1670.4	40.7	499.5	190.2	2125.4	53.4	0.0268	0.0274	0.0179	123.09	120.58	184.64	0.00	-3.26	-4.42	0.0
57926	1468.7	25.2	396.9	190.2	2088.3	51.7	0.0268	0.0274	0.0179	115.62	113.26	173.43	0.00	-3.08	-4.33	0.0
57927	1249.6	21.9	353.2	189.9	2073.3	52.2	0.0268	0.0274	0.0179	109.44	107.20	164.15	0.00	-2.92	-4.26	0.0
57928	1029.4	20.5	336.9	190.2	2080.2	52.4	0.0268	0.0274	0.0179	104.58	102.44	156.87	0.00	-2.79	-4.23	0.0
57929	819.6	19.8	329.8	191.3	2104.6	52.5	0.0179	0.0274	0.0179	151.37	98.85	151.37	0.00	-2.69	-4.25	0.0
57930	631.6	19.8	325.6	193.3	2141.7	52.5	0.0179	0.0274	0.0179	147.59	96.39	147.59	0.00	-2.62	-4.31	0.0
57931	478.2	20.8	322.6	196.3	2188.4	52.7	0.0179	0.0274	0.0179	145.61	95.10	145.61	0.00	-2.59	-4.40	0.0
57932	369.3	22.9	319.8	200.3	2243.4	53.0	0.0179	0.0274	0.0179	145.51	95.03	145.51	0.00	-2.58	-4.51	0.0
57933	304.5	25.9	316.2	205.6	2307.4	53.4	0.0179	0.0274	0.0179	147.19	96.12	147.19	0.00	-2.61	-4.63	0.0
57934	272.5	29.0	309.8	212.5	2383.6	53.8	0.0179	0.0274	0.0179	150.41	98.22	150.41	0.00	-2.67	-4.79	0.0
57935	260.0	31.2	297.6	221.4	2478.5	53.4	0.0268	0.0274	0.0179	103.37	101.26	155.05	0.00	-2.75	-4.98	0.0
57936	256.5	30.6	277.6	233.1	2601.8	51.3	0.0268	0.0274	0.0179	107.55	105.35	161.32	0.00	-2.86	-5.22	0.0
57937	254.7	25.6	253.0	248.6	2765.6	46.0	0.0268	0.0274	0.0179	113.17	110.86	169.76	0.00	-3.01	-5.55	0.0
57938	249.2	22.4	231.5	268.5	2978.9	36.3	0.0268	0.0274	0.0179	120.63	118.16	180.94	0.00	-3.22	-5.98	0.0
57939	235.5	31.5	213.7	289.5	3231.6	-49.5	0.0268	0.0274	0.0179	129.24	126.60	193.86	0.00	-3.42	-6.49	0.0
57940	205.7	47.7	197.7	307.3	3478.3	-116.7	0.0268	0.0274	0.0179	137.46	134.66	206.19	0.00	-3.62	-6.99	0.0
57941	148.6	52.5	151.2	260.7	3473.2	-165.2	0.0268	0.0274	0.0179	135.20	132.44	202.79	0.00	-3.55	-6.97	0.0
57942	61.0	225.1	45.9	209.3	2840.2	-352.3	0.0268	0.0274	0.0179	108.08	105.87	162.12	0.00	-2.62	-5.74	0.0
57943	1611.1	459.6	1140.8	-416.5	1304.0	118.0	0.0447	0.0274	0.0179	61.05	99.67	152.63	0.00	-2.08	-2.89	0.0
57944	1654.0	148.3	1157.1	-173.2	2012.9	-49.0	0.0268	0.0274	0.0179	128.38	125.76	192.57	0.00	-3.29	-4.07	0.0
57945	1798.5	121.8	800.4	-184.1	2214.4	-31.3	0.0268	0.0274	0.0179	133.43	130.71	200.15	0.00	-3.46	-4.56	0.0
57946	1750.4	57.0	497.4	-141.7	2176.6	-24.5	0.0268	0.0274	0.0179	126.60	124.01	189.89	0.00	-3.34	-4.54	0.0
57947	1610.6	18.2	331.3	-121.6	2111.0	-30.5	0.0268	0.0274	0.0179	118.66	116.24	177.99	0.00	-3.17	-4.42	0.0
57948	1422.0	9.3	260.5	-108.2	2060.2	-35.7	0.0268	0.0274	0.0179	111.37	109.10	167.05	0.00	-2.98	-4.29	0.0
57949	1212.7	8.5	245.4	-100.9	2036.8	-39.1	0.0268	0.0274	0.0179	105.43	103.27	158.14	0.00	-2.82	-4.19	0.0
57950	999.7	7.3	245.6	-98.0	2038.9	-41.0	0.0268	0.0274	0.0179	100.71	98.66	151.07	0.00	-2.70	-4.15	0.0
57951	795.0	5.8	247.4	-97.8	2060.5	-42.1	0.0179	0.0274	0.0179	145.69	95.15	145.69	0.00	-2.60	-4.16	0.0
57952	610.5	5.1	249.3	-99.4	2096.1	-42.8	0.0179	0.0274	0.0179	142.00	92.74	142.00	0.00	-2.54	-4.21	0.0
57953	459.2	5.7	251.8	-102.1	2141.8	-43.5	0.0179	0.0274	0.0179	140.11	91.50	140.11	0.00	-2.50	-4.29	0.0
57954	351.4	8.2	254.8	-105.5	2195.6	-44.3	0.0179	0.0274	0.0179	140.09	91.49	140.09	0.00	-2.50	-4.40	0.0
57955	286.6	12.5	257.5	-109.6	2258.2	-45.3	0.0179	0.0274	0.0179	141.85	92.63	141.85	0.00	-2.53	-4.52	0.0
57956	253.9	17.6	257.2	-114.5	2332.9	-46.0	0.0179	0.0274	0.0179	145.11	94.77	145.11	0.00	-2.58	-4.67	0.0
57957	239.8	21.8	249.2	-120.8	2426.3	-46.1	0.0268	0.0274	0.0179	99.82	97.78	149.73	0.00	-2.66	-4.86	0.0
57958	233.8	22.9	227.2	-129.5	2548.8	-44.4	0.0268	0.0274	0.0179	103.88	101.76	155.82	0.00	-2.77	-5.10	0.0
57959	228.8	17.6	190.3	-142.2	2714.1	-39.5	0.0268	0.0274	0.0179	109.27	107.04	163.91	0.00	-2.92	-5.44	0.0
57960	219.5	10.9	155.8	-160.9	2933.4	-29.1	0.0268	0.0274	0.0179	116.64	114.26	174.96	0.00	-3.12	-5.88	0.0
57961	201.5	18.9	134.1	-187.7	3199.5	29.9	0.0268	0.0274	0.0179	125.76	123.19	188.63	0.00	-3.35	-6.41	0.0
57962	170.2	35.5	123.1	-231.8	3467.4	56.9	0.0268	0.0274	0.0179	134.97	132.22	202.46	0.00	-3.57	-6.95	0.0
57963	114.4	32.7	87.7	-265.0	3479.2	75.5	0.0268	0.0274	0.0179	133.74	131.01	200.61	0.00	-3.54	-6.98	0.0
57964	130.4	225.7	23.2	-300.3	2822.6	247.2	0.0447	0.0274	0.0179	64.92	105.99	162.30	0.00	-2.63	-5.70	0.0
57965	1125.1	9.6	-358.4	-203.9	1452.1	76.4	0.0357	0.0274	0.0179	56.59	73.92	113.19	0.00	-2.00	-3.29	0.0
57966	1232.8	13.6	-435.2	-164.4	1071.3	88.9	0.0357	0.0274	0.0179	49.33	64.43	98.66	0.00	-1.73	-2.75	0.0
57967	1278.0	15.7	-420.0	-114.7	700.0	104.6	0.0357	0.0274	0.0179	42.88	56.01	85.77	0.00	-1.49	-2.23	0.0
57968	1274.7	31.1	-281.7	-51.2	353.3	121.7	0.0357	0.0274	0.0179	37.81	49.39	75.63	0.00	-1.28	-1.75	0.0
57969	1152.2	172.8	-162.5	-72.6	-293.0	182.4	0.0357	0.0274	0.0179	34.30	44.80	68.60	0.00	-1.01	-1.51	0.0
57970	1133.9	5.8	-197.2	-70.9	1186.3	46.3	0.0567	0.0274	0.0283	32.27	66.85	64.54	0.00	-1.82	-2.73	0.0
57971	1175.9	3.1	-279.6	-61.9	858.1	48.8	0.0567	0.0274	0.0283	27.77	57.52	55.53	0.00	-1.56	-2.26	0.0
57972	1172.9	7.8	-323.8	-38.4	556.5	52.8	0.0567	0.0274	0.0283	23.94	49.60	47.89	0.00	-1.34	-1.87	0.0
57973	1165.4	-7.3	-197.5	-36.3	274.5	63.8	0.0567	0.0274	0.0283	21.50	44.54	43.00	0.00	-1.21	-1.49	0.0
57974	1492.6	167.9	-77.1	339.4	-289.5	110.1	0.0567	0.0274	0.0283	28.46	58.96	56.92	0.00	-1.43	-1.83	0.0
57975	622.1	66.3	-458.9	-3.0	1567.2	107.7	0.0357	0.0274	0.0179	48.72	63.64	97.45	0.00	-1.67	-3.32	0.0
57976	698.5	63.8	-588.6	-13.0	1096.2	126.8	0.0357	0.0274	0.0179	37.16	48.53	74.32	0.00	-1.26	-2.55	0.0
57977	699.6	32.9	-684.3	-10.4	699.2	124.0	0.0357	0.0274	0.0179	27.78	36.28	55.56	0.00	-0.95	-1.98	0.0
57978	669.6	28.5	-665.0	34.2	393.8	93.9	0.0357	0.0274	0.0179	21.87	28.56	43.73	0.00	-0.75	-1.56	0.0
57979	537.9	65.1	-520.4	-50.1	-277.6	132.0	0.0357	0.0274	0.0179	17.29	22.59	34.59	0.00	-0.54	-1.23	0.0
57980	577.7	74.2	-421.2	-23.4	1396.6	54.3	0.0567	0.0274	0.0283	27.54	57.06	55.09	0.00	-1.49	-2.97	0.0
57981	523.6	82.3	-556.8	-17.7	973.5	65.6	0.0567	0.0274	0.0283	19.35	40.09	38.70	0.00	-1.01	-2.23	0.0
57982	465.8	56.6	-652.9	-8.7	644.2	68.1	0.0567	0.0274	0.0283	13.41	27.78	26.82	0.00	-0.70	-1.71	0.0
57983	471.3	36.4	-585.0	12.3	381.6	49.0	0.0567	0.0274	0.0283	10.51	21.78	21.03	0.00	-0.56	-1.31	0.0
57984	734.7	128.0	-436.1	258.5	246.6	99.8	0.0567	0.0274	0.0283	15.58	32.28	31.17	0.00	-0.85	-1.37	0.0
57985	-97.1	-22.8	-513.9	-87.5	1609.7	-241.2	0.0357	0.0274	0.0179	37.89	49.50	75.79	0.00	-1.41	-3.29	0.0
57986	-38.0	-45.7	-658.4	-60.3	1079.3	-123.8	0.0357	0.0274	0.0179	22.18	28.97	44.36	0.00	-0.85	-2.27	0.0
57987	-15.1	-56.1	-769.8	44.1	742.2	-55.4	0.0357	0.0274	0.0179	12.32	16.09	24.64	0.00	-0.49	-1.67	0.0
57988	-33.4	-59.3	-815.4	109.0	503.2	31.1	0.0357	0.0274	0.0179	7.07	9.24	14.15	0.00	-0.35	-1.31	0.0
57989	-154.3	-82.0	-692.9	163.7	294.5	133.1	0.0357	0.0274	0.0179	4.30	5.61	8.59	0.00	-0.41	-0.98	0.0
57990	-151.8	-47.8	-651.7	-151.6	1526.2	318.6	0.0567	0.0274	0.0283	20.32	42.09	40.64	0.00	-1.15	-3.16	0.0
57991	-212.9	-87.1	-839.7	-85.9	983.9	351.5	0.0567	0.0274	0.0283	9.52	19.71	19.03	0.00	-0.59	-2.17	0.0
57992	-269.6	-91.6	-952.2	17.6	632.3	292.1	0.0567	0.0274	0.0283	3.71	7.69	7.42	0.00	-0.36	-1.59	0.0
57993	-260.8	-103.3	-980.7	89.2	369.3	274.2	0.0567	0.0274	0.0283	1.85	3.83	3.70	0.00	-0.37	-1.29	0.0
57994	-75.2	-96.9	-831.3	295.4	250.0	339.2	0.0567	0.0274	0.0283	6.27	13.00	12.55	0.00	-0.73	-1.34	0.0
57995	937.9	15.2	-257.6	-242.7	1821.5	55.9	0.0357	0.0274	0.0179	63.48	82.92	126.97	0.00	-2.24	-3.87	0.0
57996	982.5	7.8	-120.4	-76.0	1564.5	22.8	0.0567	0.0274	0.0283	36.88	76.41	73.77	0.00	-2.08	-3.32	0.0
57997	682.0	12.1	-175.4	-270.1	2120.9	30.2	0.0179	0.0274	0.0179	136.08	88.87	136.08	0.00	-2.42	-4.36	0.0
57998	731.5	3.1	-55.9	-82.1	1880.1	-9.8	0.0388	0.0274	0.0283	58.24	82.61	79.76	0.00	-2.26	-3.85	0.0
57999	419.5	12.1	-135.0	-291.5	2293.7	16.7	0.0179	0.0274	0.0179	138.22	90.26	138.22	0.00	-2.46	-4.66	0.0
58000	452.6	2.3	-19.8	-87.0	2070.3	-12.6	0.0388	0.0274	0.0283	59.31	84.13	81.22	0.00	-2.30	-4.17	0.0
58001	158.2	15.8	-117.6	-309.6	2389.2	22.3	0.0179	0.0274	0.0179	136.07	88.86	136.07	0.00	-2.41	-4.83	0.0
58002	177.1	4.6	-5.3	-94.9	2174.3	-18.9	0.0388	0.0274	0.0283	58.35	82.77	79.91	0.00	-2.26	-4.36	0.0
58003	-111.6	17.4	-94.8	-320.2	2433.6	31.9	0.0179	0.0274	0.0179	131.39	85.81	131.39	0.00	-2.32	-4.91	0.0
58004	-96.8	5.2	-1.5	-100.8	2226.2	-22.8	0.0388	0.0274	0.0283	56.18	79.70	76.94	0.00	-2.18	-4.46	0.0
58005	-383.8	17.3	-74.4	-324.0	2438.5	40.2	0.0179	0.0274	0.0179	124.84	81.53	124.84	0.00	-2.21	-4.93	0.0
58006	-368.9	4.9	-1.4	-103.4	2239.2	-24.6	0.0388	0.0274	0.0283	53.20	75.47	72.86	0.00	-2.06	-4.50	0.0
58007	-650.2	15.6	-66.3	-322.7	2414.7	46.6	0.0179	0.0274	0.0179	116.92	76.36	116.92	0.00	-2.06	-4.91	0.0
58008	-634.2	4.2	-2.4	-103.7	2222.9	-24.9	0.0388	0.0274	0.0283	49.74	70.55	68.11	0.00	-1.93	-4.50	0.0
58009	-902.7	13.1	-68.3	-318.1	2371.2	51.4	0.0179	0.0274	0.0179	108.35	70.76	108.35	0.00	-1.91	-4.86	0.0
58010	-885.3	3.4	-3.4	-102.7	2185.4	-24.3	0.0388	0.0274	0.0283	46.08	65.37	63.11	0.00	-1.79	-4.46	0.0
58011	-1133.2	10.1	-76.6	-311.3	2315.0	55.1	0.0179	0.0274	0.0179	99.74	65.14	99.74	0.00	-1.76	-4.79	0.0
58012	-1113.7	2.4	-4.2	-100.7	2134.0	25.2	0.0388	0.0274	0.0283	42.43	60.18	58.10	0.00	-1.64	-4.41	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
58013	-1332.3	7.3	-87.2	-302.9	2251.0	58.0	0.0179	0.0274	0.0179	91.62	59.83	91.62	0.00	-1.62	-4.71	0.0
58014	-1310.5	1.6	-4.3	-98.0	2073.9	26.3	0.0388	0.0274	0.0283	39.10	55.46	53.54	0.00	-1.51	-4.35	0.0
58015	-1490.3	4.9	-97.4	-293.5	2182.0	60.4	0.0179	0.0274	0.0179	84.32	55.07	84.32	0.00	-1.49	-4.62	0.0
58016	-1466.5	0.8	-2.9	-94.9	2008.8	27.2	0.0388	0.0274	0.0283	36.16	51.30	49.53	0.00	-1.40	-4.28	0.0
58017	-1600.0	3.1	-105.2	-283.4	2109.6	62.3	0.0179	0.0274	0.0179	78.04	50.96	78.04	0.00	-1.38	-4.51	0.0
58018	-1575.5	0.3	1.0	-91.4	1940.5	27.9	0.0388	0.0274	0.0283	33.69	47.79	46.14	0.00	-1.31	-4.19	0.0
58019	-1661.0	2.0	-110.0	-272.5	2034.2	63.7	0.0179	0.0274	0.0179	72.72	47.49	72.72	0.00	-1.28	-4.38	0.0
58020	-1637.2	0.0	8.0	-87.5	1869.0	28.4	0.0388	0.0274	0.0283	31.63	44.87	43.32	0.00	-1.23	-4.09	0.0
58021	-1679.8	1.6	-111.7	-260.9	1955.1	64.3	0.0179	0.0274	0.0179	68.14	44.50	68.14	0.00	-1.20	-4.24	0.0
58022	-1657.7	-0.1	17.7	-83.3	1793.0	28.6	0.0388	0.0274	0.0283	29.87	42.37	40.90	0.00	-1.16	-3.96	0.0
58023	-1665.3	1.6	-111.5	-248.6	1870.7	63.6	0.0179	0.0274	0.0179	63.99	41.79	63.99	0.00	-1.13	-4.08	0.0
58024	-1645.5	-0.1	30.1	-78.7	1710.0	28.1	0.0388	0.0274	0.0283	28.25	40.08	38.69	0.00	-1.09	-3.81	0.0
58025	-1625.7	1.9	-110.6	-235.2	1778.2	60.8	0.0179	0.0274	0.0179	59.90	39.12	59.90	0.00	-1.06	-3.89	0.0
58026	-1608.4	0.1	45.2	-73.8	1616.8	26.7	0.0388	0.0274	0.0283	26.65	37.80	36.50	0.00	-1.03	-3.63	0.0
58027	-1568.1	2.0	-110.6	-220.7	1674.3	55.1	0.0179	0.0274	0.0179	55.53	36.26	55.53	0.00	-0.98	-3.67	0.0
58028	-1553.0	0.2	62.9	-68.6	1510.7	23.7	0.0388	0.0274	0.0283	24.94	35.38	34.16	0.00	-0.97	-3.43	0.0
58029	-1498.5	1.6	-111.1	-205.2	1555.4	46.3	0.0179	0.0274	0.0179	50.59	33.04	50.59	0.00	-0.89	-3.43	0.0
58030	-1484.8	0.3	82.9	-63.4	1390.1	18.9	0.0388	0.0274	0.0283	23.06	32.71	31.58	0.00	-0.89	-3.19	0.0
58031	-1423.0	0.3	-100.0	-189.0	1419.4	35.3	0.0179	0.0274	0.0179	45.37	29.63	45.37	0.00	-0.80	-3.15	0.0
58032	-1407.5	-0.1	105.2	-58.1	1256.0	-13.7	0.0388	0.0274	0.0283	21.05	29.86	28.82	0.00	-0.82	-2.94	0.0
58033	-1346.4	-1.2	-67.1	-173.6	1268.1	27.9	0.0179	0.0274	0.0179	40.28	26.31	40.28	0.00	-0.72	-2.86	0.0
58034	-1322.5	-1.2	130.6	-54.3	1111.4	-7.0	0.0388	0.0274	0.0283	18.89	26.79	25.87	0.00	-0.73	-2.66	0.0
58035	-1266.2	-0.9	-47.6	-164.0	1105.3	38.2	0.0179	0.0274	0.0179	34.11	22.27	34.11	0.00	-0.60	-2.54	0.0
58036	-1228.0	-1.5	150.0	-55.7	955.7	10.4	0.0388	0.0274	0.0283	16.48	23.37	22.56	0.00	-0.64	-2.36	0.0
58037	-1183.7	-1.4	-101.2	-161.5	937.5	61.0	0.0357	0.0274	0.0179	12.36	16.15	24.73	0.00	-0.43	-2.18	0.0
58038	-1132.6	-0.6	120.8	-61.2	797.3	20.4	0.0567	0.0274	0.0283	8.97	18.58	17.93	0.00	-0.51	-2.03	0.0
58039	377.3	15.8	-306.2	35.9	2001.2	50.6	0.0357	0.0274	0.0179	57.84	75.55	115.68	0.00	-2.05	-4.06	0.0
58040	421.8	17.3	-260.4	-11.3	1920.0	42.7	0.0567	0.0274	0.0283	35.82	74.21	71.65	0.00	-2.01	-3.90	0.0
58041	121.2	3.7	-177.7	56.4	2289.1	-20.1	0.0179	0.0274	0.0179	126.79	82.80	126.79	0.00	-2.26	-4.59	0.0
58042	167.0	-0.3	-111.7	17.0	2264.3	28.8	0.0388	0.0274	0.0283	59.16	83.92	81.02	0.00	-2.30	-4.54	0.0
58043	-77.8	0.7	-116.1	56.9	2430.6	8.2	0.0179	0.0274	0.0179	130.63	85.31	130.63	0.00	-2.33	-4.86	0.0
58044	-50.1	0.9	-28.4	14.3	2434.9	12.0	0.0388	0.0274	0.0283	61.71	87.55	84.52	0.00	-2.40	-4.87	0.0
58045	-275.0	1.7	-95.2	56.7	2521.1	8.5	0.0179	0.0274	0.0179	130.85	85.45	130.85	0.00	-2.34	-5.05	0.0
58046	-250.4	-0.3	9.3	7.8	2549.7	11.8	0.0388	0.0274	0.0283	62.66	88.88	85.81	0.00	-2.43	-5.11	0.0
58047	-472.3	3.8	-90.8	56.5	2562.2	13.1	0.0179	0.0274	0.0179	128.06	83.63	128.06	0.00	-2.29	-5.14	0.0
58048	-445.1	-0.1	27.6	5.6	2617.1	17.3	0.0388	0.0274	0.0283	62.31	88.40	85.34	0.00	-2.42	-5.26	0.0
58049	-663.6	5.3	-89.2	56.2	2563.5	17.3	0.0179	0.0274	0.0179	123.33	80.54	123.33	0.00	-2.20	-5.16	0.0
58050	-634.9	0.2	38.6	5.1	2639.2	22.6	0.0388	0.0274	0.0283	60.86	86.33	83.35	0.00	-2.36	-5.32	0.0
58051	-843.9	6.3	-81.6	55.4	2535.8	20.7	0.0179	0.0274	0.0179	117.66	76.84	117.66	0.00	-2.10	-5.13	0.0
58052	-815.6	0.2	48.2	4.8	2624.1	27.1	0.0388	0.0274	0.0283	58.63	83.16	80.29	0.00	-2.28	-5.32	0.0
58053	-1009.9	7.0	-73.6	54.1	2489.0	23.3	0.0179	0.0274	0.0179	111.47	72.80	111.47	0.00	-1.99	-5.07	0.0
58054	-982.3	0.1	57.4	4.3	2582.1	30.5	0.0388	0.0274	0.0283	55.94	79.36	76.62	0.00	-2.17	-5.27	0.0
58055	-1158.8	7.5	-71.2	52.4	2430.0	25.3	0.0179	0.0274	0.0179	105.00	68.57	105.00	0.00	-1.87	-4.98	0.0
58056	-1130.8	0.1	65.0	3.7	2522.6	33.2	0.0388	0.0274	0.0283	53.06	75.27	72.67	0.00	-2.06	-5.19	0.0
58057	-1286.8	7.9	-73.6	50.7	2363.6	26.9	0.0179	0.0274	0.0179	98.56	64.37	98.56	0.00	-1.76	-4.88	0.0
58058	-1257.4	0.0	70.2	3.2	2452.6	35.2	0.0388	0.0274	0.0283	50.17	71.17	68.71	0.00	-1.95	-5.08	0.0
58059	-1389.5	8.2	-77.9	49.1	2292.5	28.2	0.0179	0.0274	0.0179	92.46	60.38	92.46	0.00	-1.65	-4.77	0.0
58060	-1358.6	0.0	73.6	3.0	2376.5	36.9	0.0388	0.0274	0.0283	47.40	67.24	64.91	0.00	-1.84	-4.96	0.0
58061	-1463.7	8.6	-81.9	47.7	2218.2	29.2	0.0179	0.0274	0.0179	86.85	56.72	86.85	0.00	-1.55	-4.65	0.0
58062	-1432.7	0.0	76.1	3.2	2296.5	38.3	0.0388	0.0274	0.0283	44.81	63.56	61.37	0.00	-1.74	-4.84	0.0
58063	-1509.3	8.9	-84.5	46.5	2141.1	29.9	0.0179	0.0274	0.0179	81.77	53.40	81.77	0.00	-1.45	-4.51	0.0
58064	-1479.9	0.1	78.8	3.7	2212.9	39.3	0.0388	0.0274	0.0283	42.41	60.16	58.08	0.00	-1.65	-4.69	0.0
58065	-1529.4	9.2	-85.6	45.4	2060.8	30.3	0.0179	0.0274	0.0179	77.10	50.35	77.10	0.00	-1.37	-4.37	0.0
58066	-1502.8	0.2	83.1	4.3	2124.1	39.8	0.0388	0.0274	0.0283	40.14	56.94	54.97	0.00	-1.56	-4.54	0.0
58067	-1528.6	9.3	-85.5	44.0	1976.0	29.8	0.0179	0.0274	0.0179	72.66	47.45	72.66	0.00	-1.29	-4.21	0.0
58068	-1505.1	0.4	90.7	4.8	2027.7	39.3	0.0388	0.0274	0.0283	37.93	53.81	51.95	0.00	-1.47	-4.36	0.0
58069	-1511.4	9.2	-82.4	42.1	1884.5	28.3	0.0179	0.0274	0.0179	68.28	44.59	68.28	0.00	-1.21	-4.03	0.0
58070	-1490.5	0.6	104.3	4.9	1920.1	37.3	0.0388	0.0274	0.0283	35.72	50.67	48.92	0.00	-1.39	-4.16	0.0
58071	-1481.5	8.4	-67.3	39.5	1782.9	25.1	0.0179	0.0274	0.0179	64.08	41.85	64.08	0.00	-1.14	-3.84	0.0
58072	-1462.7	0.5	126.7	4.2	1798.1	33.3	0.0388	0.0274	0.0283	33.45	47.45	45.81	0.00	-1.30	-3.93	0.0
58073	-1442.5	6.8	-32.0	36.1	1666.9	20.1	0.0179	0.0274	0.0179	60.09	39.25	60.09	0.00	-1.07	-3.62	0.0
58074	-1424.7	-0.1	157.1	3.1	1660.3	27.1	0.0388	0.0274	0.0283	31.06	44.06	42.54	0.00	-1.21	-3.68	0.0
58075	-1398.2	4.5	17.3	32.6	1532.7	14.0	0.0179	0.0274	0.0179	55.88	36.49	55.88	0.00	-0.99	-3.38	0.0
58076	-1379.4	-0.6	189.6	-4.2	1509.2	19.5	0.0388	0.0274	0.0283	28.50	40.42	39.03	0.00	-1.11	-3.40	0.0
58077	-1351.9	2.8	68.3	30.1	1378.8	12.0	0.0179	0.0274	0.0179	50.91	33.25	50.91	0.00	-0.91	-3.10	0.0
58078	-1327.2	0.9	215.4	-9.0	1353.1	19.7	0.0388	0.0274	0.0283	25.80	36.60	35.34	0.00	-1.00	-3.12	0.0
58079	-1301.7	10.7	111.6	30.4	1210.0	32.9	0.0179	0.0274	0.0179	45.24	29.55	45.24	0.00	-0.80	-2.80	0.0
58080	-1263.6	3.6	233.7	11.7	1195.9	40.0	0.0388	0.0274	0.0283	23.13	32.81	31.67	0.00	-0.90	-2.82	0.0
58081	-1217.9	7.2	92.7	24.0	1004.3	50.0	0.0357	0.0274	0.0179	17.94	23.44	35.89	0.00	-0.64	-2.40	0.0
58082	-1173.2	7.5	201.3	-9.1	1003.7	69.8	0.0567	0.0274	0.0283	12.96	26.86	25.93	0.00	-0.73	-2.44	0.0
58083	-151.0	7.4	-309.5	-65.7	2326.3	-171.8	0.0357	0.0274	0.0179	59.05	77.12	118.10	0.00	-2.11	-4.67	0.0
58084	-122.4	-10.7	-368.3	-68.3	2242.7	82.1	0.0567	0.0274	0.0283	35.29	73.11	70.58	0.00	-2.01	-4.50	0.0
58085	-356.8	18.6	-144.3	-23.4	2496.5	40.1	0.0179	0.0274	0.0179	125.80	82.15	125.80	0.00	-2.23	-5.00	0.0
58086	-310.7	19.8	-133.7	35.6	2446.9	-24.4	0.0388	0.0274	0.0283	57.35	81.35	78.54	0.00	-2.21	-4.90	0.0
58087	-515.7	0.9	-81.7	-20.7	2639.3	10.9	0.0179	0.0274	0.0179	131.46	85.85	131.46	0.00	-2.35	-5.30	0.0
58088	-482.5	0.4	-33.7	-14.0	2598.1	15.5	0.0388	0.0274	0.0283	60.53	85.86	82.89	0.00	-2.35	-5.22	0.0
58089	-672.8	1.2	-52.8	-14.5	2728.2	9.6	0.0179	0.0274	0.0179	133.33	87.07	133.33	0.00	-2.38	-5.49	0.0
58090	-622.3	1.0	19.6	8.0	2716.3	8.5	0.0388	0.0274	0.0283	62.70	88.94	85.86	0.00	-2.43	-5.47	0.0
58091	-810.7	-0.2	-42.0	-11.4	2761.8	11.6	0.0179	0.0274	0.0179	132.17	86.31	132.17	0.00	-2.36	-5.58	0.0
58092	-755.9	0.0	48.7	4.2	2785.1	10.5	0.0388	0.0274	0.0283	63.38	89.91	86.80	0.00	-2.46	-5.63	0.0
58093	-927.5	0.0	-39.7	-9.8	2754.1	14.5	0.0179	0.0274	0.0179	129.03	84.27	129.03	0.00	-2.31	-5.58	0.0
58094	-876.0	0.6	70.4	2.4	2802.8	13.1	0.0388	0.0274	0.0283	62.85	89.15	86.07	0.00	-2.44	-5.69	0.0
58095	-1024.5	-0.1	-40.2	-9.5	2718.0	17.1	0.0179	0.0274	0.0179	124.77	81.48	124.77	0.00	-2.23	-5.52	0.0
58096	-979.9	0.9	91.2	2.6	2780.8	15.5	0.0388	0.0274	0.0283	61.50	87.24	84.23	0.00	-2.39	-5.66	0.0
58097	-1105.6	-0.1	-39.9	-9.8	2664.1	19.2	0.0179	0.0274	0.0179	119.97	78.35	119.97	0.00	-2.14	-5.43	0.0
58098	-1066.8	0.8	109.3	2.3	2731.6	17.5	0.0388	0.0274	0.0283	59.65	84.61	81.69	0.00	-2.31	-5.59	0.0
58099	-1174.6	0.1	-37.5	-10.2	2599.7	20.9	0.0179	0.0274	0.0179	114.99	75.10	114.99	0.00	-2.05	-5.32	0.0
58100	-1138.5	0.7	121.8	1.5	2666.0	19.1	0.0388	0.0274	0.0283	57.47	81.53	78.71	0.00	-2.23	-5.48	0.0
58101	-1233.5	0.1	-35.6	-10.5	2528.9	22.4	0.0179	0.0274	0.0179	109.91	71.78	109.91	0.00	-1.96	-5.20	0.0
58102	-1197.4	0.6	128.5	0.8	2591.4	20.4	0.0388	0.0274	0.0283	55.14	78.22	75.51	0.00	-2.14	-5.35	0.0
58103	-1282.9	0.1	-35.5	-10.4	2454.1	23.6	0.0179	0.0274	0.0179	104.80	68.44	104.80	0.00	-1.87	-5.06	0.0
58104	-1246.1	0.6	131.4	0.4	2512.0	21.5	0.0388	0.0274	0.0283	52.74	74.82	72.23	0.00	-2.05	-5.21	0.0
58105	-1322.8	0.1	-36.1	-9.8	2376.7	24.7	0.0179	0.0274	0.0179	99.76	65.15	99.76	0.00	-1.78	-4.92	0.0
58106	-1286.2	0.6	132.8	0.6	2429.7	22.6	0.0388	0.0274	0.0283	50.35	71.42	68.95	0.00	-1.95	-5.06	0.0
58107	-1353.4	0.0	-36.0	-8.9	2297.1	25.7	0.0179	0.0274	0.0179	94.85	61.94	94.85	0.00	-1.70	-4.78	0.0
58108	-1318.7	0.7	134.2	1.3	2344.7	23.5	0.0388	0.0274	0.0283	47.98	68.06	65.71	0.00	-1.86	-4.91	0.0
58109	-1374.9	0.0	-33.3	-7.9	2215.2	26.4	0.0179	0.0274	0.0179	90.12	58.85	90.12	0.00	-1.61	-4.63	0.0
58110	-1343.4	1.0	137.0	2.1	2256.0	24.2	0.0388	0.0274	0.0283	45.63	64.73	62.49	0.00	-1.77	-4.75	0.0
58111	-1387.9	0.0	-23.6	-7.1	2130.3	26.8	0.0179	0.0274	0.0179	85.68	55.96	85.68	0.00	-1.53	-4.47	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
58112	-1359.7	1.4	143.1	2.4	2161.4	24.6	0.0388	0.0274	0.0283	43.28	61.40	59.27	0.00	-1.68	-4.58	0.0
58113	-1392.4	0.1	-1.0	-6.9	2041.0	26.3	0.0179	0.0274	0.0179	81.68	53.34	81.68	0.00	-1.46	-4.31	0.0
58114	-1366.5	1.7	156.7	1.9	2057.2	24.3	0.0388	0.0274	0.0283	40.93	58.06	56.06	0.00	-1.59	-4.39	0.0
58115	-1388.2	0.2	36.8	-8.0	1944.4	24.6	0.0179	0.0274	0.0179	78.07	50.98	78.07	0.00	-1.40	-4.14	0.0
58116	-1362.8	1.5	184.1	-1.5	1939.2	22.7	0.0388	0.0274	0.0283	38.60	54.76	52.87	0.00	-1.50	-4.18	0.0
58117	-1374.7	-0.3	88.8	-10.4	1835.9	21.3	0.0179	0.0274	0.0179	74.62	48.73	74.62	0.00	-1.33	-3.95	0.0
58118	-1348.1	0.4	227.7	-4.8	1803.9	19.3	0.0388	0.0274	0.0283	36.28	51.46	49.68	0.00	-1.41	-3.94	0.0
58119	-1352.1	-0.2	151.0	-14.2	1710.0	16.9	0.0179	0.0274	0.0179	70.91	46.31	70.91	0.00	-1.27	-3.74	0.0
58120	-1323.0	0.1	277.4	-10.0	1650.6	16.2	0.0388	0.0274	0.0283	33.79	47.93	46.27	0.00	-1.31	-3.67	0.0
58121	-1320.8	1.1	216.6	-19.2	1560.9	17.7	0.0179	0.0274	0.0179	66.47	43.41	66.47	0.00	-1.19	-3.48	0.0
58122	-1289.8	-0.4	313.1	-16.8	1486.4	15.1	0.0388	0.0274	0.0283	30.92	43.86	42.34	0.00	-1.20	-3.38	0.0
58123	-1284.3	4.4	270.0	-23.7	1388.8	28.1	0.0179	0.0274	0.0179	60.68	39.63	60.68	0.00	-1.08	-3.18	0.0
58124	-1238.5	10.7	318.3	28.1	1325.4	30.2	0.0388	0.0274	0.0283	27.78	39.41	38.05	0.00	-1.07	-3.08	0.0
58125	-1214.8	74.2	431.1	55.7	1197.1	117.5	0.0357	0.0274	0.0179	30.15	39.38	60.30	0.00	-1.02	-2.92	0.0
58126	-1173.9	48.9	355.6	61.7	1143.3	82.2	0.0567	0.0274	0.0283	17.24	35.71	34.48	0.00	-0.94	-2.76	0.0
58127	-1013.8	33.1	-824.0	67.2	641.0	337.7	0.0357	0.0274	0.0179	6.40	8.36	12.80	0.00	-0.68	-1.81	0.0
58128	-1049.4	-38.7	-778.9	-56.5	725.9	231.0	0.0357	0.0274	0.0179	1.84	2.40	3.67	0.00	-0.32	-1.74	0.0
58129	-1075.9	-33.9	-653.7	-131.6	725.2	174.7	0.0357	0.0274	0.0179	0.59	0.78	1.19	0.00	-0.16	-1.67	0.0
58130	-1091.0	-18.5	-446.0	-152.6	736.6	123.3	0.0357	0.0274	0.0179	1.27	1.65	2.53	0.00	-0.05	-1.64	0.0
58131	-1124.7	-8.3	-235.1	-159.4	811.5	89.9	0.0357	0.0274	0.0179	6.87	8.97	13.74	0.00	-0.23	-1.87	0.0
58132	-890.3	37.8	-705.0	376.3	586.3	169.3	0.0567	0.0274	0.0283	5.66	11.73	11.33	0.00	-0.79	-1.74	0.0
58133	-998.6	-4.0	-529.4	27.9	692.3	115.3	0.0567	0.0274	0.0283	1.64	3.40	3.28	0.00	-0.22	-1.59	0.0
58134	-1014.5	-14.4	-414.3	-44.3	673.9	77.5	0.0567	0.0274	0.0283	0.90	1.86	1.79	0.00	-0.09	-1.51	0.0
58135	-1031.6	-9.0	-176.0	-67.9	643.9	55.2	0.0567	0.0274	0.0283	3.01	6.24	6.03	0.00	-0.18	-1.55	0.0
58136	-1063.9	-2.6	21.5	-66.9	678.2	37.5	0.0567	0.0274	0.0283	6.13	12.69	12.26	0.00	-0.35	-1.74	0.0
58137	-1079.4	20.4	-889.7	-61.7	708.4	200.9	0.0357	0.0274	0.0179	2.07	2.70	4.14	0.00	-0.38	-1.79	0.0
58138	-1050.2	30.0	-841.6	51.0	644.3	84.7	0.0357	0.0274	0.0179	1.60	2.10	3.21	0.00	-0.38	-1.66	0.0
58139	-1060.3	22.1	-625.4	18.5	618.7	114.6	0.0357	0.0274	0.0179	1.86	2.43	3.72	0.00	-0.30	-1.57	0.0
58140	-1081.1	27.9	-296.9	15.4	662.9	107.7	0.0357	0.0274	0.0179	4.46	5.83	8.93	0.00	-0.21	-1.62	0.0
58141	-1125.1	25.9	-32.9	6.9	809.1	83.9	0.0357	0.0274	0.0179	11.55	15.08	23.09	0.00	-0.40	-1.97	0.0
58142	-979.2	39.9	-912.5	246.7	538.0	123.4	0.0567	0.0274	0.0283	2.88	5.96	5.75	0.00	-0.69	-1.65	0.0
58143	-1090.4	37.2	-814.8	21.5	628.0	88.9	0.0567	0.0274	0.0283	1.00	2.08	2.00	0.00	-0.39	-1.65	0.0
58144	-1109.5	31.3	-615.2	18.3	640.6	97.4	0.0567	0.0274	0.0283	1.17	2.42	2.34	0.00	-0.28	-1.62	0.0
58145	-1104.8	38.3	-259.5	12.1	676.1	105.1	0.0567	0.0274	0.0283	3.21	6.66	6.43	0.00	-0.21	-1.66	0.0
58146	-1101.4	32.2	48.5	-13.5	789.1	92.0	0.0567	0.0274	0.0283	8.17	16.93	16.34	0.00	-0.44	-1.97	0.0
58147	-1195.3	-60.5	-928.7	-119.5	703.3	155.3	0.0357	0.0274	0.0179				-0.03	-0.35	-1.80	
58148	-1138.9	1.8	-814.5	63.2	637.1	30.3	0.0357	0.0274	0.0179	0.40	0.52	0.79	0.00	-0.35	-1.65	0.0
58149	-1132.1	67.4	-476.3	47.0	593.7	42.3	0.0357	0.0274	0.0179	2.38	3.10	4.75	0.00	-0.23	-1.57	0.0
58150	-1148.9	139.0	-22.3	43.5	624.3	81.3	0.0357	0.0274	0.0179	8.56	11.18	17.12	0.00	-0.22	-1.73	0.0
58151	-1184.3	174.5	413.7	45.4	805.3	151.0	0.0357	0.0274	0.0179	22.08	28.84	44.15	0.00	-0.65	-2.31	0.0
58152	-1157.6	-90.8	-1120.8	-165.1	567.5	293.8	0.0567	0.0274	0.0283				-0.01	-0.59	-1.77	
58153	-1251.3	-19.3	-1017.7	-69.2	565.0	245.3	0.0567	0.0274	0.0283	0.73	1.51	1.46	0.00	-0.63	-1.78	0.0
58154	-1252.3	34.1	-676.0	-19.0	553.6	225.8	0.0567	0.0274	0.0283	2.08	4.30	4.15	0.00	-0.53	-1.72	0.0
58155	-1218.1	121.0	-206.8	40.9	597.7	235.6	0.0567	0.0274	0.0283	5.81	12.03	11.61	0.00	-0.46	-1.83	0.0
58156	-1183.6	135.2	239.4	78.2	765.4	193.7	0.0567	0.0274	0.0283	11.58	23.99	23.16	0.00	-0.61	-2.17	0.0
58157	-407.0	87.5	-238.2	-133.7	2603.1	-323.1	0.0357	0.0274	0.0179	65.16	85.11	130.32	0.00	-2.28	-5.26	0.0
58158	-476.9	34.8	-300.4	65.7	2484.7	81.9	0.0567	0.0274	0.0283	37.09	76.84	74.18	0.00	-2.07	-4.98	0.0
58159	-714.2	11.8	-118.8	30.0	2655.6	85.0	0.0179	0.0274	0.0179	126.39	82.54	126.39	0.00	-2.25	-5.35	0.0
58160	-700.6	25.7	-142.4	-47.2	2619.7	-13.1	0.0388	0.0274	0.0283	57.02	80.89	78.10	0.00	-2.19	-5.27	0.0
58161	-906.0	1.9	-48.7	-19.9	2788.9	-15.6	0.0179	0.0274	0.0179	131.18	85.67	131.18	0.00	-2.34	-5.64	0.0
58162	-846.4	-0.6	-29.9	-22.2	2753.4	17.1	0.0388	0.0274	0.0283	60.41	85.70	82.74	0.00	-2.35	-5.57	0.0
58163	-1039.5	-0.5	-11.9	10.7	2855.1	11.1	0.0179	0.0274	0.0179	132.91	86.80	132.91	0.00	-2.38	-5.80	0.0
58164	-946.1	0.8	27.9	-10.3	2862.4	-11.6	0.0388	0.0274	0.0283	62.97	89.33	86.24	0.00	-2.44	-5.81	0.0
58165	-1118.7	0.0	7.4	7.4	2867.4	11.8	0.0179	0.0274	0.0179	132.42	86.48	132.42	0.00	-2.37	-5.84	0.0
58166	-1018.1	-0.6	61.7	6.1	2913.0	12.1	0.0388	0.0274	0.0283	64.00	90.78	87.65	0.00	-2.49	-5.93	0.0
58167	-1152.6	0.8	16.4	6.9	2841.3	12.9	0.0179	0.0274	0.0179	130.53	85.24	130.53	0.00	-2.33	-5.80	0.0
58168	-1061.5	0.1	89.5	3.9	2909.4	12.9	0.0388	0.0274	0.0283	63.88	90.61	87.48	0.00	-2.48	-5.93	0.0
58169	-1158.8	1.0	19.9	6.8	2791.9	13.6	0.0179	0.0274	0.0179	127.80	83.46	127.80	0.00	-2.28	-5.71	0.0
58170	-1082.5	0.3	118.7	3.4	2868.6	13.7	0.0388	0.0274	0.0283	63.08	89.49	86.39	0.00	-2.45	-5.86	0.0
58171	-1154.1	1.1	21.0	5.8	2729.7	14.0	0.0179	0.0274	0.0179	124.54	81.33	124.54	0.00	-2.22	-5.58	0.0
58172	-1089.7	0.2	143.7	2.5	2806.1	14.2	0.0388	0.0274	0.0283	61.82	87.70	84.67	0.00	-2.40	-5.75	0.0
58173	-1148.0	1.1	22.0	4.5	2660.5	14.4	0.0179	0.0274	0.0179	120.93	78.97	120.93	0.00	-2.16	-5.45	0.0
58174	-1091.0	0.1	159.1	1.4	2732.8	14.6	0.0388	0.0274	0.0283	60.21	85.42	82.46	0.00	-2.34	-5.61	0.0
58175	-1145.0	1.0	23.7	3.4	2587.5	14.9	0.0179	0.0274	0.0179	117.06	76.45	117.06	0.00	-2.09	-5.31	0.0
58176	-1091.5	0.1	166.1	-0.7	2654.7	15.1	0.0388	0.0274	0.0283	58.36	82.78	79.92	0.00	-2.27	-5.46	0.0
58177	-1147.0	1.0	25.4	2.8	2512.1	15.5	0.0179	0.0274	0.0179	112.96	73.77	112.96	0.00	-2.02	-5.16	0.0
58178	-1094.7	0.2	168.2	-0.4	2574.5	15.7	0.0388	0.0274	0.0283	56.35	79.94	77.17	0.00	-2.19	-5.30	0.0
58179	-1154.6	1.0	27.6	2.9	2435.1	16.4	0.0179	0.0274	0.0179	108.68	70.98	108.68	0.00	-1.94	-5.01	0.0
58180	-1102.6	0.2	168.2	0.3	2493.3	16.6	0.0388	0.0274	0.0283	54.24	76.95	74.29	0.00	-2.11	-5.15	0.0
58181	-1167.9	1.1	31.7	3.5	2357.0	17.6	0.0179	0.0274	0.0179	104.31	68.12	104.31	0.00	-1.86	-4.86	0.0
58182	-1116.3	0.2	168.2	0.9	2411.1	17.8	0.0388	0.0274	0.0283	52.06	73.86	71.30	0.00	-2.02	-4.99	0.0
58183	-1186.8	1.3	41.2	4.3	2277.9	19.1	0.0179	0.0274	0.0179	99.97	65.29	99.97	0.00	-1.79	-4.72	0.0
58184	-1136.2	0.3	169.4	1.7	2327.5	19.3	0.0388	0.0274	0.0283	49.82	70.67	68.23	0.00	-1.93	-4.83	0.0
58185	-1211.0	1.7	60.3	4.8	2198.0	20.8	0.0179	0.0274	0.0179	95.85	62.59	95.85	0.00	-1.71	-4.58	0.0
58186	-1161.9	0.8	173.6	2.2	2241.2	21.1	0.0388	0.0274	0.0283	47.51	67.40	65.07	0.00	-1.84	-4.68	0.0
58187	-1239.3	2.1	92.5	4.4	2116.6	22.6	0.0179	0.0274	0.0179	92.09	60.14	92.09	0.00	-1.64	-4.44	0.0
58188	-1191.5	1.4	186.0	1.9	2149.1	23.0	0.0388	0.0274	0.0283	45.19	64.10	61.89	0.00	-1.75	-4.51	0.0
58189	-1267.9	2.2	139.8	-3.4	2032.3	23.8	0.0179	0.0274	0.0179	88.79	57.99	88.79	0.00	-1.58	-4.30	0.0
58190	-1219.8	1.6	218.3	-2.9	2045.8	24.3	0.0388	0.0274	0.0283	42.96	60.95	58.84	0.00	-1.67	-4.34	0.0
58191	-1287.5	1.5	202.2	-6.5	1941.0	23.7	0.0179	0.0274	0.0179	85.97	56.15	85.97	0.00	-1.54	-4.16	0.0
58192	-1239.0	0.5	279.0	-7.8	1923.9	23.5	0.0388	0.0274	0.0283	40.91	58.04	56.03	0.00	-1.59	-4.14	0.0
58193	-1287.0	-1.2	276.1	-13.5	1835.8	19.8	0.0179	0.0274	0.0179	83.36	54.44	83.36	0.00	-1.49	-3.99	0.0
58194	-1240.7	-0.2	356.0	-15.0	1776.8	22.1	0.0388	0.0274	0.0283	38.78	55.02	53.12	0.00	-1.51	-3.90	0.0
58195	-1260.8	3.6	351.8	-21.8	1708.0	20.6	0.0179	0.0274	0.0179	80.25	52.41	80.25	0.00	-1.43	-3.78	0.0
58196	-1220.5	-1.1	420.0	-26.0	1606.7	15.2	0.0388	0.0274	0.0283	36.16	51.29	49.52	0.00	-1.40	-3.61	0.0
58197	-1201.1	-3.6	418.1	-29.8	1553.1	39.3	0.0179	0.0274	0.0179	76.11	49.70	76.11	0.00	-1.36	-3.50	0.0
58198	-1172.9	9.7	436.4	39.9	1430.8	15.1	0.0388	0.0274	0.0283	32.82	46.56	44.95	0.00	-1.27	-3.28	0.0
58199	-1082.8	115.3	474.2	-81.7	1417.6	-144.6	0.0357	0.0274	0.0179	37.36	48.80	74.73	0.00	-1.24	-3.26	0.0
58200	-1061.1	77.7	408.9	-63.8	1272.1	-74.8	0.0567	0.0274	0.0283	20.32	42.09	40.63	0.00	-1.08	-2.95	0.0
58201	-767.7	140.6	-192.6	-124.5	2919.7	-421.8	0.0357	0.0274	0.0179	70.49	92.07	140.99	0.00	-2.43	-5.94	0.0
58202	-860.6	88.8	-211.2	82.4	2772.8	81.2	0.0567	0.0274	0.0283	39.90	82.65	79.80	0.00	-2.18	-5.59	0.0
58203	-992.5	0.5	-98.4	-39.9	2863.4	69.2	0.0179	0.0274	0.0179	131.65	85.98	131.65	0.00	-2.35	-5.80	0.0
58204	-1015.0	18.0	-115.7	-69.6	2841.5	-54.4	0.0388	0.0274	0.0283	59.63	84.58	81.66	0.00	-2.30	-5.76	0.0
58205	-1024.2	3.4	-18.2	-28.3	2916.9	-23.5	0.0179	0.0274	0.0179	136.48	89.13	136.48	0.00	-2.44	-5.92	0.0
58206	-1005.0	2.5	-18.4	-23.6	2910.2	12.0	0.0388	0.0274	0.0283	62.85	89.16	86.08	0.00	-2.44	-5.90	0.0
58207	-1005.1	-1.0	29.4	10.9	2938.7	-14.5	0.0179	0.0274	0.0179	139.66	91.21	139.66	0.00	-2.50	-5.97	0.0
58208	-993.0	0.0	34.3	12.0	2973.6	-20.4	0.0388	0.0274	0.0283	65.38	92.75	89.55	0.00	-2.54	-6.04	0.0
58209	-984.3	0.1	57.2	7.3	2911.8	15.7	0.0179	0.0274	0.0179	139.58	91.15	139.58	0.00	-2.49	-5.92	0.0
58210	-975.5	0.3	64.0	10.2	2979.6	16.1	0.0388	0.0274	0.0283	66.17	93.87	90.63	0.00	-2.57	-6.05	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
58211	-965.8	0.8	71.7	6.3	2857.7	17.3	0.0179	0.0274	0.0179	137.50	89.80	137.50	0.00	-2.46	-5.81	0.0
58212	-954.6	0.9	90.9	10.0	2935.5	17.4	0.0388	0.0274	0.0283	65.68	93.18	89.96	0.00	-2.55	-5.96	0.0
58213	-949.6	1.1	78.2	5.0	2790.6	18.4	0.0179	0.0274	0.0179	134.40	87.77	134.40	0.00	-2.40	-5.68	0.0
58214	-932.4	1.0	122.9	8.6	2866.1	18.6	0.0388	0.0274	0.0283	64.65	91.71	88.53	0.00	-2.51	-5.83	0.0
58215	-934.1	1.1	80.6	3.0	2718.7	19.4	0.0179	0.0274	0.0179	130.88	85.47	130.88	0.00	-2.34	-5.53	0.0
58216	-910.1	0.9	150.2	6.4	2787.5	19.6	0.0388	0.0274	0.0283	63.31	89.80	86.70	0.00	-2.46	-5.68	0.0
58217	-917.9	1.1	81.9	1.3	2645.3	20.2	0.0179	0.0274	0.0179	127.25	83.10	127.25	0.00	-2.27	-5.38	0.0
58218	-888.1	0.8	165.4	4.4	2707.5	20.5	0.0388	0.0274	0.0283	61.75	87.59	84.56	0.00	-2.40	-5.52	0.0
58219	-900.1	1.0	83.5	-0.7	2571.5	21.0	0.0179	0.0274	0.0179	123.65	80.75	123.65	0.00	-2.21	-5.24	0.0
58220	-866.1	0.8	171.0	3.0	2628.7	21.2	0.0388	0.0274	0.0283	60.07	85.21	82.26	0.00	-2.33	-5.36	0.0
58221	-879.9	1.0	86.1	-0.7	2497.5	21.6	0.0179	0.0274	0.0179	120.13	78.45	120.13	0.00	-2.15	-5.09	0.0
58222	-843.6	0.8	171.5	2.3	2550.9	21.9	0.0388	0.0274	0.0283	58.34	82.77	79.90	0.00	-2.26	-5.20	0.0
58223	-857.0	1.0	90.1	-0.5	2423.3	22.3	0.0179	0.0274	0.0179	116.71	76.22	116.71	0.00	-2.08	-4.94	0.0
58224	-820.8	0.8	170.1	2.5	2474.0	22.6	0.0388	0.0274	0.0283	56.62	80.32	77.54	0.00	-2.20	-5.05	0.0
58225	-831.3	1.1	97.4	0.7	2349.1	23.1	0.0179	0.0274	0.0179	113.46	74.10	113.46	0.00	-2.03	-4.79	0.0
58226	-798.7	0.9	168.8	3.2	2397.8	23.4	0.0388	0.0274	0.0283	54.90	77.88	75.19	0.00	-2.13	-4.89	0.0
58227	-803.6	1.4	111.2	1.6	2275.5	24.0	0.0179	0.0274	0.0179	110.51	72.17	110.51	0.00	-1.97	-4.64	0.0
58228	-779.8	1.2	168.3	4.3	2322.7	24.3	0.0388	0.0274	0.0283	53.19	75.46	72.85	0.00	-2.06	-4.74	0.0
58229	-775.9	1.8	135.8	2.6	2203.0	25.3	0.0179	0.0274	0.0179	107.98	70.52	107.98	0.00	-1.93	-4.50	0.0
58230	-768.1	1.9	170.1	5.4	2248.8	25.6	0.0388	0.0274	0.0283	51.48	73.02	70.50	0.00	-2.00	-4.59	0.0
58231	-752.9	2.5	174.8	3.1	2132.4	27.1	0.0179	0.0274	0.0179	105.95	69.19	105.95	0.00	-1.89	-4.36	0.0
58232	-768.7	2.8	179.8	5.9	2174.7	27.5	0.0388	0.0274	0.0283	49.76	70.59	68.15	0.00	-1.93	-4.45	0.0
58233	-742.6	3.1	231.1	-3.5	2063.6	29.5	0.0179	0.0274	0.0179	104.34	68.14	104.34	0.00	-1.86	-4.24	0.0
58234	-787.1	3.7	214.8	4.9	2095.4	30.1	0.0388	0.0274	0.0283	48.14	68.28	65.92	0.00	-1.87	-4.31	0.0
58235	-757.8	2.8	305.0	-7.2	1994.0	31.3	0.0179	0.0274	0.0179	102.81	67.14	102.81	0.00	-1.83	-4.13	0.0
58236	-826.3	3.4	293.5	-7.9	2000.0	31.4	0.0388	0.0274	0.0283	46.64	66.17	63.88	0.00	-1.81	-4.15	0.0
58237	-812.5	0.0	391.1	-17.0	1916.8	28.0	0.0179	0.0274	0.0179	100.63	65.71	100.63	0.00	-1.80	-4.02	0.0
58238	-883.5	1.2	406.3	-16.1	1873.0	30.8	0.0388	0.0274	0.0283	44.89	63.67	61.47	0.00	-1.74	-3.96	0.0
58239	-913.1	3.1	474.2	-27.8	1818.2	24.4	0.0179	0.0274	0.0179	96.61	63.09	96.61	0.00	-1.72	-3.89	0.0
58240	-949.1	2.6	515.1	-33.9	1710.7	13.9	0.0388	0.0274	0.0283	42.34	60.06	57.99	0.00	-1.64	-3.72	0.0
58241	-1016.5	-9.6	515.4	-44.2	1699.8	-32.7	0.0179	0.0274	0.0179	90.39	59.03	90.39	0.00	-1.63	-3.73	0.0
58242	-1019.7	2.2	549.5	44.1	1540.3	27.2	0.0388	0.0274	0.0283	38.51	54.63	52.74	0.00	-1.49	-3.46	0.0
58243	-978.5	113.5	429.7	-77.5	1595.9	-184.8	0.0357	0.0274	0.0179	41.91	54.74	83.82	0.00	-1.41	-3.52	0.0
58244	-899.8	95.5	469.8	-105.1	1404.6	-87.7	0.0567	0.0274	0.0283	24.01	49.73	48.01	0.00	-1.28	-3.14	0.0
58245	-642.9	109.1	-160.4	-58.6	2996.7	-373.1	0.0447	0.0274	0.0179	59.17	96.60	147.92	0.00	-2.56	-6.06	0.0
58246	-474.9	112.8	-128.4	123.5	2828.1	95.3	0.0656	0.0274	0.0283	38.73	92.87	89.66	0.00	-2.44	-5.68	0.0
58247	-608.2	15.9	-68.0	-39.8	3017.0	25.6	0.0268	0.0274	0.0179	100.38	98.33	150.57	0.00	-2.67	-6.06	0.0
58248	-610.0	33.9	-64.6	-56.8	2984.2	-78.6	0.0478	0.0274	0.0283	55.76	97.30	93.94	0.00	-2.63	-6.00	0.0
58249	-612.5	3.9	20.0	18.8	3016.1	-47.0	0.0268	0.0274	0.0179	102.08	100.00	153.12	0.00	-2.73	-6.07	0.0
58250	-634.0	5.2	5.2	-28.4	3044.4	-19.4	0.0478	0.0274	0.0283	57.52	100.38	96.91	0.00	-2.74	-6.12	0.0
58251	-602.9	0.8	77.5	22.8	2972.8	-28.6	0.0268	0.0274	0.0179	101.82	99.74	152.73	0.00	-2.73	-5.98	0.0
58252	-643.8	-0.6	40.1	12.1	3038.5	-32.8	0.0478	0.0274	0.0283	57.71	100.70	97.22	0.00	-2.76	-6.12	0.0
58253	-592.7	1.1	111.5	26.3	2892.1	22.0	0.0268	0.0274	0.0179	99.72	97.69	149.58	0.00	-2.67	-5.83	0.0
58254	-633.5	0.1	59.2	13.0	2970.0	-20.5	0.0478	0.0274	0.0283	56.60	98.77	95.35	0.00	-2.70	-5.98	0.0
58255	-582.4	1.3	129.9	24.3	2802.0	25.5	0.0268	0.0274	0.0179	96.94	94.96	145.41	0.00	-2.60	-5.65	0.0
58256	-615.9	0.4	79.6	11.6	2870.4	23.1	0.0478	0.0274	0.0283	54.93	95.87	92.55	0.00	-2.62	-5.78	0.0
58257	-571.9	1.2	139.8	20.1	2714.6	28.3	0.0268	0.0274	0.0179	94.09	92.17	141.13	0.00	-2.52	-5.48	0.0
58258	-596.2	0.5	109.0	8.0	2769.5	25.8	0.0478	0.0274	0.0283	53.36	93.13	89.91	0.00	-2.55	-5.58	0.0
58259	-560.2	1.1	146.3	16.2	2633.1	30.1	0.0268	0.0274	0.0179	91.40	89.53	137.10	0.00	-2.45	-5.31	0.0
58260	-575.7	0.4	133.4	4.6	2677.7	27.5	0.0478	0.0274	0.0283	51.93	90.63	87.49	0.00	-2.48	-5.40	0.0
58261	-544.9	1.2	152.2	13.4	2557.0	31.1	0.0179	0.0274	0.0179	133.44	87.14	133.44	0.00	-2.38	-5.16	0.0
58262	-553.0	0.3	144.9	2.2	2595.6	28.6	0.0388	0.0274	0.0283	62.21	88.25	85.20	0.00	-2.41	-5.24	0.0
58263	-522.0	1.3	157.8	11.7	2484.6	31.7	0.0179	0.0274	0.0179	130.15	85.00	130.15	0.00	-2.33	-5.02	0.0
58264	-524.8	0.3	147.4	0.8	2520.1	29.2	0.0388	0.0274	0.0283	60.64	86.01	83.04	0.00	-2.35	-5.09	0.0
58265	-486.4	1.4	162.9	11.0	2414.2	32.2	0.0179	0.0274	0.0179	127.27	83.12	127.27	0.00	-2.27	-4.87	0.0
58266	-486.0	0.2	145.8	-0.3	2448.3	29.6	0.0388	0.0274	0.0283	59.21	84.00	81.09	0.00	-2.30	-4.94	0.0
58267	-433.7	1.4	167.9	10.9	2345.0	32.7	0.0179	0.0274	0.0179	124.88	81.55	124.88	0.00	-2.23	-4.73	0.0
58268	-433.1	0.2	143.1	0.5	2378.4	30.1	0.0388	0.0274	0.0283	57.98	82.25	79.41	0.00	-2.25	-4.79	0.0
58269	-363.7	1.4	174.7	11.4	2276.9	33.2	0.0179	0.0274	0.0179	123.03	80.34	123.03	0.00	-2.20	-4.59	0.0
58270	-366.8	0.3	140.7	1.4	2310.1	30.6	0.0388	0.0274	0.0283	56.96	80.80	78.00	0.00	-2.21	-4.65	0.0
58271	-280.6	1.5	186.6	12.5	2210.5	33.8	0.0268	0.0274	0.0179	81.18	79.52	121.77	0.00	-2.18	-4.45	0.0
58272	-292.8	0.5	139.0	2.7	2244.5	31.2	0.0478	0.0274	0.0283	45.61	79.59	76.84	0.00	-2.18	-4.51	0.0
58273	-190.3	1.8	208.9	14.0	2147.2	34.5	0.0268	0.0274	0.0179	80.81	79.16	121.21	0.00	-2.17	-4.31	0.0
58274	-219.0	1.0	138.2	4.4	2183.6	31.9	0.0478	0.0274	0.0283	45.04	78.59	75.88	0.00	-2.15	-4.38	0.0
58275	-99.1	2.6	248.2	15.6	2088.8	35.6	0.0268	0.0274	0.0179	80.99	79.34	121.48	0.00	-2.17	-4.19	0.0
58276	-154.3	1.9	143.3	6.1	2128.9	33.1	0.0478	0.0274	0.0283	44.58	77.79	75.11	0.00	-2.13	-4.27	0.0
58277	-15.4	4.1	309.9	16.5	2036.8	37.7	0.0268	0.0274	0.0179	81.74	80.07	122.60	0.00	-2.19	-4.09	0.0
58278	-108.3	3.3	174.9	7.2	2078.4	35.3	0.0478	0.0274	0.0283	44.33	77.36	74.68	0.00	-2.11	-4.17	0.0
58279	47.7	5.2	396.5	14.9	1990.4	41.6	0.0268	0.0274	0.0179	82.84	81.15	124.26	0.00	-2.22	-4.00	0.0
58280	-88.8	4.3	263.3	-7.3	2022.1	38.9	0.0478	0.0274	0.0283	44.33	77.37	74.69	0.00	-2.11	-4.06	0.0
58281	69.3	5.2	501.8	-14.9	1943.0	43.6	0.0268	0.0274	0.0179	83.58	81.88	125.38	0.00	-2.23	-3.91	0.0
58282	-95.2	2.2	410.8	-13.8	1935.5	42.9	0.0478	0.0274	0.0283	44.18	77.10	74.43	0.00	-2.11	-3.90	0.0
58283	26.9	5.2	598.7	-24.7	1874.9	44.1	0.0268	0.0274	0.0179	82.42	80.74	123.63	0.00	-2.20	-3.79	0.0
58284	-98.3	2.8	576.7	-42.3	1794.3	27.4	0.0478	0.0274	0.0283	43.24	75.46	72.85	0.00	-2.06	-3.65	0.0
58285	-55.4	-4.9	620.5	-66.1	1770.8	14.0	0.0268	0.0274	0.0179	77.80	76.22	116.71	0.00	-2.09	-3.61	0.0
58286	-68.2	0.9	643.3	31.3	1603.5	40.7	0.0478	0.0274	0.0283	40.44	70.57	68.13	0.00	-1.93	-3.29	0.0
58287	-198.7	148.1	491.1	-42.9	1613.7	162.2	0.0447	0.0274	0.0179	40.34	65.86	100.85	0.00	-1.65	-3.32	0.0
58288	197.9	169.6	565.1	-224.0	1407.7	-85.7	0.0656	0.0274	0.0283	27.86	66.81	64.50	0.00	-1.68	-2.88	0.0
58289	-256.1	109.8	-128.3	-90.6	2900.7	-310.3	0.0447	0.0274	0.0179	61.33	100.13	153.32	0.00	-2.65	-5.84	0.0
58290	-0.4	139.5	-61.4	183.4	2770.0	96.3	0.0656	0.0274	0.0283	41.97	100.64	97.16	0.00	-2.63	-5.56	0.0
58291	-182.5	47.3	-17.9	-120.8	3037.7	14.1	0.0268	0.0274	0.0179	109.69	107.45	164.53	0.00	-2.89	-6.08	0.0
58292	-210.8	30.7	-12.0	-44.4	3055.2	-143.2	0.0478	0.0274	0.0283	61.80	107.85	104.12	0.00	-2.93	-6.12	0.0
58293	-187.7	6.8	80.1	-66.5	3024.9	-68.3	0.0268	0.0274	0.0179	111.05	108.79	166.58	0.00	-2.97	-6.06	0.0
58294	-252.2	2.6	29.4	20.3	3134.5	-72.3	0.0478	0.0274	0.0283	63.38	110.60	106.78	0.00	-3.02	-6.28	0.0
58295	-185.9	-0.9	139.8	-46.9	2904.5	-36.5	0.0268	0.0274	0.0179	107.70	105.50	161.55	0.00	-2.89	-5.82	0.0
58296	-264.0	1.5	41.3	20.6	3031.4	-54.0	0.0478	0.0274	0.0283	61.23	106.85	103.16	0.00	-2.92	-6.07	0.0
58297	-184.0	1.7	174.1	-41.8	2763.4	23.2	0.0268	0.0274	0.0179	103.12	101.01	154.67	0.00	-2.76	-5.54	0.0
58298	-252.6	1.9	46.7	20.4	2869.2	31.7	0.0478	0.0274	0.0283	58.01	101.24	97.74	0.00	-2.77	-5.75	0.0
58299	-178.2	3.8	195.9	-44.1	2638.7	28.5	0.0268	0.0274	0.0179	99.01	96.99	148.51	0.00	-2.65	-5.29	0.0
58300	-234.5	1.9	55.1	13.8	2717.1	38.0	0.0478	0.0274	0.0283	55.11	96.17	92.84	0.00	-2.63	-5.44	0.0
58301	-169.2	5.2	213.0	-46.9	2534.2	32.0	0.0268	0.0274	0.0179	95.62	93.66	143.42	0.00	-2.56	-5.08	0.0
58302	-214.5	1.9	75.2	7.5	2594.7	42.5	0.0478	0.0274	0.0283	52.97	92.43	89.24	0.00	-2.53	-5.20	0.0
58303	-156.4	5.9	227.9	-48.5	2447.4	33.6	0.0268	0.0274	0.0179	92.91	91.01	139.36	0.00	-2.48	-4.91	0.0
58304	-192.8	1.9	91.7	3.1	2499.3	44.6	0.0478	0.0274	0.0283	51.37	89.64	86.54	0.00	-2.45	-5.01	0.0
58305	-136.7	6.2	239.9	-48.9	2372.7	34.1	0.0179	0.0274	0.0179	136.06	88.86	136.06	0.00	-2.42	-4.76	0.0
58306	-166.6	1.8	96.0	-1.2	2421.9	45.4	0.0388	0.0274	0.0283	61.58	87.35	84.33	0.00	-2.39	-4.85	0.0
58307	-104.1	6.2	248.3	-48.4	2305.2	34.3	0.0179	0.0274	0.0179	133.40	87.12	133.40	0.00	-2.38	-4.63	0.0
58308	-129.7	1.8	93.8	-1.1	2354.3	45.7	0.0388	0.0274	0.0283	60.26	85.49	82.53	0.00	-2.34	-4.71	0.0
58309	-50.5	6.1	254.5	-47.4	2241.7	34.4	0.0179	0.0274	0.0179	131.43	85.83	131.43	0.00	-2.34	-4.50	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
58310	-73.6	1.7	89.8	-1.1	2291.2	45.9	0.0388	0.0274	0.0283	59.28	84.09	81.18	0.00	-2.30	-4.59	0.0
58311	31.2	6.0	259.9	-45.9	2180.2	34.6	0.0179	0.0274	0.0179	130.30	85.09	130.30	0.00	-2.32	-4.37	0.0
58312	8.5	1.7	86.1	-0.7	2229.9	46.3	0.0388	0.0274	0.0283	58.68	83.24	80.36	0.00	-2.28	-4.46	0.0
58313	141.2	5.9	265.9	-44.2	2120.3	34.9	0.0179	0.0274	0.0179	130.08	84.95	130.08	0.00	-2.32	-4.24	0.0
58314	116.3	1.8	83.5	0.7	2170.0	46.7	0.0388	0.0274	0.0283	58.48	82.96	80.10	0.00	-2.27	-4.34	0.0
58315	273.4	5.9	274.4	-42.0	2062.9	35.2	0.0268	0.0274	0.0179	87.17	85.39	130.75	0.00	-2.33	-4.13	0.0
58316	242.0	2.0	81.8	1.8	2113.2	47.2	0.0478	0.0274	0.0283	47.68	83.21	80.33	0.00	-2.28	-4.23	0.0
58317	420.0	5.8	289.2	-39.2	2009.8	35.5	0.0268	0.0274	0.0179	88.24	86.44	132.36	0.00	-2.36	-4.02	0.0
58318	375.3	2.4	79.9	3.8	2062.8	47.6	0.0478	0.0274	0.0283	48.08	83.90	81.00	0.00	-2.29	-4.14	0.0
58319	574.7	5.5	318.9	-35.8	1963.9	35.8	0.0268	0.0274	0.0179	90.08	88.24	135.12	0.00	-2.41	-3.94	0.0
58320	506.1	3.2	79.2	6.8	2022.9	48.1	0.0478	0.0274	0.0283	48.73	85.04	82.10	0.00	-2.32	-4.07	0.0
58321	731.7	5.0	376.4	-32.0	1928.1	36.5	0.0268	0.0274	0.0179	92.89	91.00	139.34	0.00	-2.48	-3.87	0.0
58322	623.9	5.1	101.4	10.6	1996.7	49.3	0.0478	0.0274	0.0283	49.77	86.86	83.86	0.00	-2.37	-4.03	0.0
58323	881.9	3.3	472.8	-28.7	1902.9	40.1	0.0268	0.0274	0.0179	96.66	94.69	144.99	0.00	-2.59	-3.83	0.0
58324	717.0	7.8	182.7	12.9	1980.7	54.2	0.0478	0.0274	0.0283	51.29	89.50	86.40	0.00	-2.44	-4.00	0.0
58325	1007.0	0.3	610.8	-34.1	1884.6	49.6	0.0268	0.0274	0.0179	100.86	98.80	151.29	0.00	-2.70	-3.79	0.0
58326	778.1	9.9	342.0	-10.5	1953.2	70.8	0.0478	0.0274	0.0283	52.89	92.30	89.11	0.00	-2.51	-3.93	0.0
58327	1061.9	-0.5	761.9	-45.5	1845.6	64.9	0.0268	0.0274	0.0179	103.09	100.99	154.64	0.00	-2.76	-3.71	0.0
58328	829.2	9.4	573.1	-36.6	1856.0	81.8	0.0478	0.0274	0.0283	53.64	93.61	90.38	0.00	-2.55	-3.73	0.0
58329	1049.5	-4.0	817.1	-122.8	1731.2	20.0	0.0268	0.0274	0.0179	99.62	97.58	149.42	0.00	-2.66	-3.48	0.0
58330	933.7	-6.8	741.1	-25.4	1620.5	100.3	0.0478	0.0274	0.0283	51.55	89.95	86.84	0.00	-2.46	-3.26	0.0
58331	911.7	164.6	658.6	45.9	1502.8	-133.3	0.0447	0.0274	0.0179	51.36	83.85	128.40	0.00	-2.11	-3.04	0.0
58332	1436.6	247.3	743.5	-387.9	1314.1	-65.4	0.0656	0.0274	0.0283	38.14	91.45	88.29	0.00	-2.25	-2.84	0.0
58333	178.3	171.6	-49.1	159.8	2696.3	-359.4	0.0447	0.0274	0.0179	62.00	101.22	155.00	0.00	-2.56	-5.45	0.0
58334	514.8	190.7	-29.2	301.2	2620.8	134.7	0.0656	0.0274	0.0283	44.40	106.48	102.80	0.00	-2.76	-5.31	0.0
58335	249.9	19.9	98.9	308.6	3191.6	-253.2	0.0268	0.0274	0.0179	125.61	123.05	188.42	0.00	-3.30	-6.44	0.0
58336	174.5	-2.8	6.9	75.0	2929.4	-139.1	0.0478	0.0274	0.0283	63.28	110.43	106.61	0.00	-3.02	-5.87	0.0
58337	234.8	38.4	186.5	463.8	3135.4	-167.9	0.0268	0.0274	0.0179	125.32	122.76	187.98	0.00	-3.27	-6.35	0.0
58338	141.3	17.3	30.6	149.8	2870.2	-53.0	0.0478	0.0274	0.0283	61.95	108.10	104.36	0.00	-2.94	-5.75	0.0
58339	233.3	38.6	226.1	458.3	2918.5	-65.0	0.0268	0.0274	0.0179	118.36	115.95	177.54	0.00	-3.11	-5.91	0.0
58340	138.4	11.8	29.8	170.0	2625.7	-22.6	0.0478	0.0274	0.0283	56.84	99.19	95.76	0.00	-2.70	-5.26	0.0
58341	235.7	43.3	255.5	423.6	2717.5	54.7	0.0268	0.0274	0.0179	111.97	109.69	167.96	0.00	-2.97	-5.50	0.0
58342	155.6	13.3	41.1	152.1	2414.7	25.2	0.0478	0.0274	0.0283	52.77	92.09	88.90	0.00	-2.51	-4.84	0.0
58343	244.3	50.0	285.0	385.6	2554.0	65.2	0.0268	0.0274	0.0179	106.49	104.32	159.74	0.00	-2.82	-5.17	0.0
58344	177.1	14.9	70.6	133.1	2259.1	29.6	0.0478	0.0274	0.0283	50.03	87.31	84.29	0.00	-2.38	-4.53	0.0
58345	257.0	53.9	313.3	355.9	2430.8	70.3	0.0268	0.0274	0.0179	102.57	100.48	153.85	0.00	-2.71	-4.91	0.0
58346	199.9	16.2	90.1	118.4	2152.3	30.3	0.0478	0.0274	0.0283	48.22	84.15	81.24	0.00	-2.29	-4.31	0.0
58347	274.7	55.7	333.9	334.6	2337.6	71.9	0.0268	0.0274	0.0179	99.73	97.69	149.59	0.00	-2.63	-4.72	0.0
58348	224.7	16.7	92.8	108.6	2077.1	29.5	0.0478	0.0274	0.0283	46.93	81.90	79.07	0.00	-2.23	-4.16	0.0
58349	301.7	56.5	346.4	319.6	2263.3	72.2	0.0179	0.0274	0.0179	146.44	95.64	146.44	0.00	-2.58	-4.57	0.0
58350	256.3	16.9	88.0	102.3	2019.1	28.5	0.0388	0.0274	0.0283	56.59	80.28	77.51	0.00	-2.18	-4.05	0.0
58351	346.3	57.0	354.1	308.6	2199.5	72.2	0.0179	0.0274	0.0179	144.27	94.22	144.27	0.00	-2.54	-4.44	0.0
58352	303.5	17.1	81.5	98.2	1968.7	27.7	0.0388	0.0274	0.0283	55.85	79.23	76.49	0.00	-2.15	-3.95	0.0
58353	419.3	57.5	359.7	299.9	2141.4	72.3	0.0179	0.0274	0.0179	143.19	93.51	143.19	0.00	-2.52	-4.33	0.0
58354	377.7	17.2	75.7	95.4	1920.8	27.2	0.0388	0.0274	0.0283	55.56	78.82	76.10	0.00	-2.14	-3.86	0.0
58355	529.4	58.2	364.9	292.9	2086.3	72.7	0.0179	0.0274	0.0179	143.38	93.63	143.38	0.00	-2.52	-4.22	0.0
58356	487.8	17.4	71.7	93.5	1873.2	27.0	0.0388	0.0274	0.0283	55.85	79.22	76.48	0.00	-2.15	-3.77	0.0
58357	676.9	58.9	370.6	287.3	2033.5	73.2	0.0179	0.0274	0.0179	144.91	94.64	144.91	0.00	-2.55	-4.12	0.0
58358	633.9	17.6	69.4	92.2	1825.7	26.9	0.0388	0.0274	0.0283	56.74	80.48	77.70	0.00	-2.19	-3.70	0.0
58359	854.3	59.6	377.2	283.1	1983.8	73.7	0.0268	0.0274	0.0179	98.48	96.48	147.73	0.00	-2.59	-4.03	0.0
58360	806.5	17.9	68.7	91.8	1780.0	26.9	0.0478	0.0274	0.0283	47.30	82.54	79.69	0.00	-2.24	-3.64	0.0
58361	1052.2	60.3	386.2	280.9	1939.3	74.1	0.0268	0.0274	0.0179	101.20	99.13	151.79	0.00	-2.67	-3.97	0.0
58362	993.7	18.2	68.4	92.6	1739.0	26.8	0.0478	0.0274	0.0283	48.87	85.28	82.34	0.00	-2.32	-3.60	0.0
58363	1264.6	61.0	402.8	281.3	1903.6	74.3	0.0268	0.0274	0.0179	104.86	102.72	157.29	0.00	-2.76	-3.94	0.0
58364	1185.6	18.8	66.8	95.2	1707.7	26.7	0.0478	0.0274	0.0283	50.81	88.68	85.61	0.00	-2.41	-3.60	0.0
58365	1489.6	62.5	442.7	284.4	1880.5	74.7	0.0268	0.0274	0.0179	109.81	107.57	164.71	0.00	-2.89	-3.94	0.0
58366	1374.5	19.9	63.5	99.8	1692.7	26.3	0.0478	0.0274	0.0283	53.14	92.74	89.53	0.00	-2.52	-3.64	0.0
58367	1725.8	66.9	537.8	288.5	1871.5	79.6	0.0268	0.0274	0.0179	116.42	114.04	174.63	0.00	-3.07	-3.97	0.0
58368	1553.2	23.7	83.7	104.7	1699.7	26.3	0.0478	0.0274	0.0283	55.99	97.71	94.33	0.00	-2.65	-3.71	0.0
58369	1966.8	86.3	717.1	279.9	1868.1	105.0	0.0268	0.0274	0.0179	124.49	121.95	186.74	0.00	-3.27	-3.97	0.0
58370	1713.9	31.0	185.4	106.3	1724.1	35.8	0.0478	0.0274	0.0283	59.46	103.77	100.18	0.00	-2.81	-3.78	0.0
58371	2178.7	125.5	998.3	245.5	1850.4	180.0	0.0268	0.0274	0.0179	132.71	130.00	199.06	0.00	-3.46	-3.91	0.0
58372	1873.4	57.0	422.8	-68.1	1732.6	70.9	0.0478	0.0274	0.0283	63.37	110.59	106.77	0.00	-2.96	-3.77	0.0
58373	2271.2	114.3	1275.0	-171.7	1692.6	241.2	0.0268	0.0274	0.0179	131.96	129.26	197.93	0.00	-3.18	-3.78	0.0
58374	2034.6	-13.6	729.5	-35.8	1561.1	127.7	0.0478	0.0274	0.0283	64.38	112.35	108.46	0.00	-3.04	-3.43	0.0
58375	2077.7	371.6	1090.9	-157.3	1195.2	230.8	0.0447	0.0274	0.0179	64.40	105.14	161.00	0.00	-2.26	-2.83	0.0
58376	2835.8	373.0	943.9	-619.6	1176.8	67.0	0.0656	0.0274	0.0283	53.19	127.56	123.15	0.00	-2.83	-3.49	0.0
58377	-1062.9	-6.6	-486.9	-217.7	1253.1	-232.3	0.0567	0.0263	0.0089	11.67	25.20	74.05	0.00	-0.82	-2.72	0.0
58378	-849.3	66.3	-55.5	83.1	350.1	21.1	0.0567	0.0194	0.0089	2.17	6.34	13.77	0.00	-0.10	-1.11	0.0
58379	-714.4	35.1	-40.2	33.4	153.7	36.7	0.0567	0.0194	0.0089	1.10	3.22	6.99	0.00	-0.10	-0.81	0.0
58380	-654.7	32.3	-8.3	-35.7	61.4	41.1	0.0567	0.0194	0.0089	1.02	2.98	6.47	0.00	-0.08	-0.72	0.0
58381	-683.2	25.4	14.1	-45.1	-105.8	40.5	0.0567	0.0194	0.0089	1.33	3.88	8.43	0.00	-0.09	-0.78	0.0
58382	-1139.7	-2.1	-458.5	279.4	1210.6	-412.5	0.0567	0.0194	0.0089	9.13	26.67	57.93	0.00	-0.48	-2.68	0.0
58383	-778.7	86.3	-61.8	159.4	213.4	-118.4	0.0567	0.0194	0.0089	2.71	7.92	17.21	0.00	-0.19	-1.03	0.0
58384	-677.9	81.3	-73.2	107.0	114.0	-43.2	0.0567	0.0194	0.0089	1.78	5.20	11.28	0.00	-0.16	-0.82	0.0
58385	-653.7	78.5	-54.7	92.2	63.5	-20.4	0.0567	0.0194	0.0089	1.61	4.69	10.19	0.00	-0.14	-0.76	0.0
58386	-705.3	70.4	-34.6	-116.5	-90.6	27.3	0.0567	0.0194	0.0089	1.77	5.17	11.23	0.00	-0.14	-0.83	0.0
58387	-952.3	41.8	-680.6	-475.1	858.7	-152.0	0.0567	0.0089	0.0194	8.60	54.56	25.12	0.00	-0.84	-2.21	0.0
58388	-1058.4	-2.2	-292.5	44.9	762.1	-35.0	0.0567	0.0089	0.0194	3.13	19.88	9.15	0.00	-0.18	-1.71	0.0
58389	-977.5	5.9	-131.1	61.3	461.1	82.0	0.0357	0.0089	0.0089	4.02	16.10	16.10	0.00	-0.21	-1.32	0.0
58390	-945.0	3.0	-17.5	83.7	304.2	96.9	0.0357	0.0089	0.0089	4.50	18.01	18.01	0.00	-0.24	-1.20	0.0
58391	-965.4	4.0	70.3	86.7	-278.4	90.9	0.0357	0.0089	0.0089	4.73	18.94	18.94	0.00	-0.18	-1.22	0.0
58392	-1061.0	43.1	-654.4	-200.0	695.1	-366.5	0.0357	0.0089	0.0089	10.59	42.36	42.36	0.00	-0.85	-1.96	0.0
58393	-1057.6	-3.5	-386.1	147.2	593.5	-213.3	0.0357	0.0089	0.0089	3.14	12.58	12.58	0.00	-0.23	-1.55	0.0
58394	-1008.2	-2.6	-301.4	216.7	374.4	-59.4	0.0357	0.0089	0.0089	1.22	4.87	4.87	0.00	-0.19	-1.25	0.0
58395	-996.3	2.7	-235.7	242.9	297.4	27.5	0.0357	0.0089	0.0089	2.59	10.35	10.35	0.00	-0.27	-1.23	0.0
58396	-1021.4	8.2	-149.8	255.3	288.3	41.9	0.0357	0.0089	0.0089	3.41	13.65	13.65	0.00	-0.25	-1.28	0.0
58397	-1128.0	-56.7	-393.6	365.5	1171.0	-476.2	0.0567	0.0194	0.0089	9.32	27.22	59.12	0.00	-0.49	-2.68	0.0
58398	-792.7	46.1	-13.1	216.5	147.6	-246.8	0.0567	0.0194	0.0089	4.75	13.88	30.15	0.00	-0.40	-1.16	0.0
58399	-706.1	38.0	-42.3	151.0	99.3	-167.1	0.0567	0.0194	0.0089	3.07	8.95	19.45	0.00	-0.30	-0.93	0.0
58400	-700.9	41.7	-35.7	144.1	56.4	-103.2	0.0567	0.0194	0.0089	2.17	6.34	13.78	0.00	-0.21	-0.86	0.0
58401	-760.5	40.2	-24.3	-175.5	-62.3	-64.0	0.0567	0.0194	0.0089	1.73	5.07	11.00	0.00	-0.14	-0.90	0.0
58402	-1100.1	-80.0	-314.6	362.7	1109.1	-371.2	0.0567	0.0263	0.0089	8.62	18.60	54.66	0.00	-0.45	-2.51	0.0
58403	-837.2	-17.3	68.6	223.7	102.3	-186.8	0.0567	0.0194	0.0089	3.90	11.39	24.75	0.00	-0.31	-1.14	0.0
58404	-768.7	-22.0	22.6	173.7	99.6	-137.3	0.0567	0.0194	0.0089	2.49	7.27	15.80	0.00	-0.22	-0.97	0.0
58405	-770.4	-13.6	1.3	170.1	49.9	-95.2	0.0567	0.0194	0.0089	1.72	5.04	10.94	0.00	-0.17	-0.91	0.0
58406	-828.4	-9.3	0.3	-190.0	-26.9	-67.9	0.0567	0.0194	0.0089	1.41	4.11	8.92	0.00	-0.12	-0.95	0.0
58407	-1077.2	-27.4	-279.1	255.9	1138.8	-191.1	0.0567	0.0194	0.0089	9.32	27.23	59.16	0.00	-0.50	-2.47	0.0
58408	-857.1	8.6	87.2	177.2	114.4	42.1	0.0567	0.0194	0.0089	2.46	7.19	15.62	0.00	-0.14	-1.04	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
58409	-800.3	2.2	37.7	-163.6	109.2	39.6	0.0567	0.0194	0.0089	1.12	3.26	7.08	0.00	-0.04	-0.91	0.0
58410	-805.4	5.8	12.1	-172.8	49.6	38.1	0.0567	0.0194	0.0089	1.03	3.02	6.55	0.00	-0.06	-0.90	0.0
58411	-862.7	5.7	9.8	-172.7	-22.8	34.6	0.0346	0.0194	0.0089	1.88	3.36	7.30	0.00	-0.08	-0.96	0.0
58412	-1057.2	58.8	-285.5	193.9	1284.0	-69.9	0.0567	0.0194	0.0089	11.91	34.79	75.57	0.00	-0.60	-2.71	0.0
58413	-838.6	101.2	12.4	-169.1	169.3	117.8	0.0567	0.0194	0.0089	3.26	9.53	20.70	0.00	-0.19	-1.09	0.0
58414	-790.4	88.5	-13.8	-177.0	117.5	114.6	0.0567	0.0194	0.0089	3.03	8.84	19.20	0.00	-0.21	-1.02	0.0
58415	-801.6	78.8	-9.0	-175.3	60.2	77.6	0.0567	0.0194	0.0089	2.50	7.29	15.83	0.00	-0.17	-0.98	0.0
58416	-864.0	67.5	0.8	-170.4	-52.2	59.7	0.0346	0.0194	0.0089	3.84	6.85	14.88	0.00	-0.17	-1.03	0.0
58417	-993.1	83.3	-430.9	-154.8	329.3	-528.1	0.0357	0.0089	0.0089	13.39	53.55	53.55	0.00	-1.15	-1.63	0.0
58418	-1072.6	30.2	-152.0	280.7	395.5	-482.8	0.0357	0.0089	0.0089	12.07	48.29	48.29	0.00	-0.70	-1.79	0.0
58419	-1071.7	27.3	-145.9	384.0	207.7	-318.2	0.0357	0.0089	0.0089	8.35	33.42	33.42	0.00	-0.52	-1.57	0.0
58420	-1083.0	37.2	-119.6	435.6	156.2	-214.4	0.0357	0.0089	0.0089	7.11	28.46	28.46	0.00	-0.40	-1.53	0.0
58421	-1109.4	45.4	-80.7	455.8	144.1	-156.6	0.0357	0.0089	0.0089	6.66	26.63	26.63	0.00	-0.32	-1.53	0.0
58422	-944.7	182.2	-263.9	-276.2	161.2	-242.4	0.0357	0.0089	0.0089	10.23	40.92	40.92	0.00	-0.73	-1.39	0.0
58423	-1076.1	187.4	85.4	190.0	280.8	-165.7	0.0357	0.0089	0.0089	8.67	34.68	34.68	0.00	-0.25	-1.49	0.0
58424	-1119.5	173.5	75.4	248.9	100.7	-105.5	0.0357	0.0089	0.0089	7.31	29.22	29.22	0.00	-0.22	-1.44	0.0
58425	-1150.6	163.2	25.5	279.0	35.4	-65.9	0.0357	0.0089	0.0089	6.60	26.39	26.39	0.00	-0.22	-1.45	0.0
58426	-1178.6	149.2	22.7	286.5	-18.5	-47.7	0.0357	0.0089	0.0089	6.19	24.76	24.76	0.00	-0.21	-1.46	0.0
58427	-980.3	192.2	-270.2	-321.6	134.9	-159.2	0.0357	0.0089	0.0089	9.33	37.32	37.32	0.00	-0.65	-1.41	0.0
58428	-1107.3	223.0	78.7	-167.6	298.3	-70.2	0.0357	0.0089	0.0089	8.65	34.60	34.60	0.00	-0.23	-1.50	0.0
58429	-1146.5	204.7	61.4	174.2	109.6	18.8	0.0357	0.0089	0.0089	6.52	26.09	26.09	0.00	-0.17	-1.41	0.0
58430	-1173.1	184.4	13.2	183.9	36.4	21.6	0.0357	0.0089	0.0089	5.94	23.76	23.76	0.00	-0.20	-1.41	0.0
58431	-1198.0	162.6	12.5	187.6	-14.6	20.2	0.0137	0.0089	0.0089	13.87	21.24	21.24	0.00	-0.18	-1.41	0.0
58432	-1058.4	142.9	-336.1	-443.9	299.1	130.5	0.0357	0.0089	0.0089	8.14	32.54	32.54	0.00	-0.52	-1.60	0.0
58433	-1129.1	159.1	-42.9	-329.5	462.2	190.0	0.0357	0.0089	0.0089	7.73	30.90	30.90	0.00	-0.18	-1.67	0.0
58434	-1127.8	130.9	-35.8	-291.4	231.4	158.9	0.0357	0.0089	0.0089	6.80	27.19	27.19	0.00	-0.27	-1.49	0.0
58435	-1142.1	110.3	-16.3	-255.2	152.2	111.1	0.0357	0.0089	0.0089	5.43	21.70	21.70	0.00	-0.22	-1.41	0.0
58436	-1170.1	99.3	17.9	-230.9	127.2	89.8	0.0137	0.0089	0.0089	12.54	19.20	19.20	0.00	-0.17	-1.40	0.0
58437	-1036.5	130.6	-302.7	215.6	1405.4	-93.1	0.0567	0.0263	0.0134	13.90	30.02	58.80	0.00	-0.64	-2.93	0.0
58438	-815.6	191.3	-44.6	186.7	207.9	59.9	0.0567	0.0194	0.0089	4.56	13.33	28.96	0.00	-0.29	-1.15	0.0
58439	-775.6	170.3	-55.6	-184.2	111.9	77.7	0.0567	0.0194	0.0089	3.83	11.18	24.27	0.00	-0.26	-1.05	0.0
58440	-792.1	147.3	-41.9	-182.7	66.0	67.4	0.0567	0.0194	0.0089	3.43	10.01	21.74	0.00	-0.24	-1.03	0.0
58441	-859.7	126.3	-23.1	-179.1	-77.0	58.3	0.0346	0.0194	0.0089	5.27	9.41	20.44	0.00	-0.23	-1.08	0.0
58442	-1027.7	147.6	-300.0	249.9	1433.6	-161.8	0.0567	0.0263	0.0089	14.40	31.09	91.34	0.00	-0.63	-3.00	0.0
58443	-811.9	213.2	-52.1	211.2	207.7	-70.0	0.0567	0.0194	0.0089	4.55	13.29	28.87	0.00	-0.26	-1.17	0.0
58444	-778.0	191.2	-62.8	-191.9	107.8	-50.1	0.0567	0.0194	0.0089	4.30	12.57	27.31	0.00	-0.31	-1.07	0.0
58445	-797.7	166.6	-51.3	-195.7	64.5	-35.7	0.0567	0.0194	0.0089	3.76	10.99	23.88	0.00	-0.27	-1.05	0.0
58446	-866.5	143.1	-34.8	-196.8	-80.1	-27.4	0.0346	0.0194	0.0089	5.22	9.32	20.24	0.00	-0.21	-1.09	0.0
58447	-1143.1	92.1	-470.2	-305.4	684.5	71.8	0.0357	0.0089	0.0089	5.21	20.84	20.84	0.00	-0.27	-1.81	0.0
58448	-1132.2	80.9	-254.3	-210.3	638.6	135.0	0.0357	0.0089	0.0089	3.62	14.48	14.48	0.00	-0.06	-1.64	0.0
58449	-1097.2	53.0	-205.7	-179.6	391.7	141.7	0.0357	0.0089	0.0089	3.23	12.93	12.93	0.00	-0.20	-1.40	0.0
58450	-1104.9	37.0	-152.1	-158.6	310.4	122.0	0.0357	0.0089	0.0089	2.71	10.83	10.83	0.00	-0.19	-1.32	0.0
58451	-1137.4	27.8	-65.6	-144.9	294.6	105.4	0.0137	0.0089	0.0089	7.19	11.00	11.00	0.00	-0.14	-1.33	0.0
58452	-1146.9	82.1	-483.2	177.4	704.3	-224.4	0.0357	0.0089	0.0089	4.68	18.72	18.72	0.00	-0.25	-1.80	0.0
58453	-1137.1	64.5	-289.3	216.9	628.9	-160.6	0.0357	0.0089	0.0089	3.59	14.35	14.35	0.00	-0.10	-1.64	0.0
58454	-1104.6	41.2	-243.3	218.5	391.6	-88.9	0.0357	0.0089	0.0089	2.32	9.27	9.27	0.00	-0.17	-1.38	0.0
58455	-1113.1	27.4	-202.4	211.0	321.3	-63.1	0.0357	0.0089	0.0089	1.83	7.31	7.31	0.00	-0.17	-1.32	0.0
58456	-1146.0	19.4	-130.8	204.3	310.9	-51.4	0.0137	0.0089	0.0089	3.96	6.07	6.07	0.00	-0.10	-1.32	0.0
58457	-1025.7	115.2	-265.4	269.1	1365.2	-211.1	0.0567	0.0263	0.0089	13.61	29.39	86.35	0.00	-0.60	-2.89	0.0
58458	-831.6	159.9	-7.2	224.6	171.6	-190.0	0.0567	0.0194	0.0089	5.17	15.11	32.82	0.00	-0.34	-1.22	0.0
58459	-803.5	144.3	-27.9	-206.5	111.3	-147.1	0.0567	0.0194	0.0089	4.93	14.39	31.27	0.00	-0.39	-1.13	0.0
58460	-825.1	127.2	-24.4	-218.6	58.6	-92.1	0.0567	0.0194	0.0089	3.85	11.26	24.45	0.00	-0.28	-1.09	0.0
58461	-891.4	108.1	-15.4	-224.5	-59.7	-59.1	0.0346	0.0194	0.0089	4.84	8.64	18.76	0.00	-0.19	-1.11	0.0
58462	-1019.5	81.5	-227.9	193.0	1252.7	-95.1	0.0567	0.0194	0.0134	12.21	35.67	51.65	0.00	-0.59	-2.65	0.0
58463	-860.0	93.8	82.4	-206.3	124.5	-107.6	0.0567	0.0194	0.0089	4.35	12.69	27.57	0.00	-0.26	-1.16	0.0
58464	-837.6	79.8	30.8	-227.5	109.8	-88.8	0.0567	0.0194	0.0089	3.64	10.64	23.12	0.00	-0.24	-1.11	0.0
58465	-858.9	69.5	6.2	-237.3	48.7	-65.7	0.0567	0.0194	0.0089	2.88	8.40	18.24	0.00	-0.19	-1.08	0.0
58466	-920.9	56.2	4.5	-241.1	-28.7	-49.6	0.0346	0.0194	0.0089	3.66	6.54	14.20	0.00	-0.14	-1.11	0.0
58467	-1009.1	81.6	-222.2	-274.1	1246.1	102.5	0.0567	0.0194	0.0134	12.38	36.15	52.36	0.00	-0.59	-2.66	0.0
58468	-858.0	92.5	82.7	-271.5	123.4	99.7	0.0567	0.0194	0.0089	3.62	10.56	22.94	0.00	-0.14	-1.16	0.0
58469	-838.6	77.6	32.1	-262.6	109.9	80.4	0.0567	0.0194	0.0089	2.96	8.64	18.77	0.00	-0.14	-1.09	0.0
58470	-860.9	66.6	7.7	-260.1	49.7	56.1	0.0567	0.0194	0.0089	2.60	7.59	16.49	0.00	-0.15	-1.08	0.0
58471	-923.1	52.9	6.0	-261.2	-27.2	40.0	0.0346	0.0194	0.0089	3.88	6.93	15.05	0.00	-0.14	-1.12	0.0
58472	-994.3	112.3	-246.6	-346.1	1344.9	217.2	0.0567	0.0263	0.0134	13.72	29.62	58.01	0.00	-0.59	-2.87	0.0
58473	-825.0	151.4	-4.0	-303.6	167.4	184.0	0.0567	0.0194	0.0089	5.32	15.55	33.78	0.00	-0.32	-1.26	0.0
58474	-805.2	134.6	-22.3	-275.1	110.5	142.8	0.0567	0.0194	0.0089	4.50	13.14	28.54	0.00	-0.30	-1.16	0.0
58475	-830.2	116.4	-18.9	-268.6	60.2	88.3	0.0567	0.0194	0.0089	3.69	10.78	23.42	0.00	-0.24	-1.12	0.0
58476	-897.7	96.9	-10.0	-271.8	-56.6	55.6	0.0346	0.0194	0.0089	5.47	9.77	21.21	0.00	-0.22	-1.16	0.0
58477	-1090.9	103.6	-337.3	284.9	338.1	-347.0	0.0357	0.0089	0.0089	8.41	33.65	33.65	0.00	-0.60	-1.63	0.0
58478	-1150.7	95.6	-85.2	351.4	459.5	-363.1	0.0357	0.0089	0.0089	10.61	42.45	42.45	0.00	-0.44	-1.84	0.0
58479	-1147.9	73.7	-88.1	363.0	228.5	-252.1	0.0357	0.0089	0.0089	7.82	31.29	31.29	0.00	-0.41	-1.60	0.0
58480	-1162.9	60.4	-72.3	356.4	160.4	-163.5	0.0357	0.0089	0.0089	5.86	23.43	23.43	0.00	-0.30	-1.50	0.0
58481	-1192.2	54.1	-43.2	347.1	141.6	-118.4	0.0137	0.0158	0.0089	12.83	11.12	19.64	0.00	-0.23	-1.48	0.0
58482	-1052.2	156.5	-243.2	-273.0	117.4	-105.9	0.0357	0.0089	0.0089	6.97	27.88	27.88	0.00	-0.52	-1.37	0.0
58483	-1150.1	193.0	85.8	-231.2	321.0	-54.2	0.0357	0.0089	0.0089	8.52	34.09	34.09	0.00	-0.22	-1.56	0.0
58484	-1176.9	172.0	73.3	-224.6	111.1	-56.1	0.0357	0.0089	0.0089	6.76	27.03	27.03	0.00	-0.19	-1.46	0.0
58485	-1201.0	152.8	21.3	-224.7	33.4	-40.9	0.0357	0.0089	0.0089	5.62	22.47	22.47	0.00	-0.19	-1.44	0.0
58486	-1227.5	133.1	19.7	-227.0	-19.7	-30.4	0.0137	0.0089	0.0089	12.77	19.55	19.55	0.00	-0.16	-1.44	0.0
58487	-1049.9	154.7	-241.6	-292.9	113.0	92.2	0.0357	0.0089	0.0089	6.47	25.87	25.87	0.00	-0.46	-1.37	0.0
58488	-1146.2	195.3	82.9	-297.0	317.7	52.0	0.0357	0.0089	0.0089	7.28	29.12	29.12	0.00	-0.10	-1.54	0.0
58489	-1172.5	176.5	71.3	-298.0	110.3	49.7	0.0357	0.0089	0.0089	6.81	27.25	27.25	0.00	-0.17	-1.49	0.0
58490	-1197.1	157.8	19.5	-293.7	33.2	33.8	0.0357	0.0089	0.0089	6.22	24.86	24.86	0.00	-0.20	-1.48	0.0
58491	-1224.4	138.4	17.9	-283.9	-19.7	23.3	0.0137	0.0089	0.0089	14.55	22.28	22.28	0.00	-0.18	-1.48	0.0
58492	-1083.9	103.2	-315.5	-387.7	327.5	326.3	0.0357	0.0089	0.0089	8.72	34.86	34.86	0.00	-0.56	-1.67	0.0
58493	-1135.0	109.6	-67.1	-458.9	459.1	347.8	0.0357	0.0089	0.0089	10.83	43.30	43.30	0.00	-0.37	-1.88	0.0
58494	-1132.3	90.2	-68.6	-470.4	236.3	236.4	0.0357	0.0089	0.0089	8.85	35.42	35.42	0.00	-0.38	-1.68	0.0
58495	-1149.1	78.0	-52.2	-463.3	171.6	148.2	0.0357	0.0089	0.0089	7.25	29.02	29.02	0.00	-0.30	-1.60	0.0
58496	-1180.6	71.8	-23.4	-453.7	155.2	103.6	0.0137	0.0089	0.0089	16.81	25.74	25.74	0.00	-0.24	-1.58	0.0
58497	-977.3	130.3	-267.5	-287.1	1373.8	103.0	0.0567	0.0263	0.0134	14.29	30.86	60.45	0.00	-0.66	-2.89	0.0
58498	-980.0	143.4	-270.3	-325.2	1404.5	169.8	0.0567	0.0263	0.0134	14.64	31.62	61.94	0.00	-0.64	-2.96	0.0
58499	-795.1	189.1	-44.8	-260.8	203.9	-53.5	0.0567	0.0194	0.0089	5.07	14.82	32.19	0.00	-0.33	-1.19	0.0
58500	-798.8	203.3	-47.7	-288.5	202.4	72.5	0.0567	0.0194	0.0089	4.97	14.50	31.51	0.00	-0.28	-1.21	0.0
58501	-770.3	171.5	-55.5	-254.6	108.9	-69.0	0.0567	0.0194	0.0089	4.66	13.60	29.54	0.00	-0.34	-1.11	0.0
58502	-777.2	182.4	-56.6	-268.8	105.7	56.3	0.0567	0.0194	0.0089	4.50	13.14	28.55	0.00	-0.30	-1.12	0.0
58503	-795.4	150.4	-43.1	-250.1	65.5	-58.5	0.0567	0.0194	0.0089	4.09	11.94	25.93	0.00	-0.29	-1.09	0.0
58504	-802.9	158.1	-45.9	-261.8	65.2	43.1	0.0567	0.0194	0.0089	4.01	11.71	25.43	0.00	-0.27	-1.10	0.0
58505	-866.2	129.6	-24.9	-247.2	-75.5	-49.6	0.0346	0.0194	0.0089	5.55	9.90	21.51	0.00	-0.21	-1.12	0.0
58506	-874.0	134.7	-29.9	-260.6	-77.3	35.1	0.0346	0.0194	0.0089	6.05	10.80	23.46	0.00	-0.25	-1.15	0.0
58507	-1110.5	80.8	-431.1	228.4	654.4	-74.4	0.0357	0.0089	0.0089	3.70	14.82	14.82	0.00	-0.18	-1.67	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
58508	-1129.5	76.5	-441.2	-252.8	684.7	213.5	0.0357	0.0089	0.0089	4.29	17.15	17.15	0.00	-0.19	-1.77	0.0
58509	-1103.0	67.4	-246.6	-173.6	612.5	-127.1	0.0357	0.0089	0.0089	7.43	29.73	29.73	0.00	-0.39	-1.69	0.0
58510	-1113.7	65.5	-258.2	-293.6	623.4	161.5	0.0357	0.0089	0.0089	3.84	15.34	15.34	0.00	-0.07	-1.65	0.0
58511	-1078.7	44.6	-208.1	-179.8	375.8	-129.3	0.0357	0.0089	0.0089	5.25	20.98	20.98	0.00	-0.39	-1.42	0.0
58512	-1085.9	44.1	-216.0	-293.0	397.6	96.9	0.0357	0.0089	0.0089	3.23	12.93	12.93	0.00	-0.18	-1.43	0.0
58513	-1092.2	30.9	-159.5	-187.8	302.1	-107.7	0.0357	0.0089	0.0089	4.36	17.45	17.45	0.00	-0.33	-1.36	0.0
58514	-1098.1	31.4	-176.6	-284.7	333.8	74.2	0.0357	0.0089	0.0089	2.78	11.10	11.10	0.00	-0.17	-1.37	0.0
58515	-1128.6	23.1	-76.3	-192.7	292.5	-90.6	0.0137	0.0089	0.0089	11.61	17.78	17.78	0.00	-0.27	-1.39	0.0
58516	-1134.0	23.8	-106.6	-277.7	328.7	63.8	0.0137	0.0089	0.0089	6.43	9.85	9.85	0.00	-0.10	-1.38	0.0
58517	-979.4	68.8	-244.1	-254.3	1247.5	77.9	0.0567	0.0263	0.0134	12.38	26.74	52.37	0.00	-0.62	-2.65	0.0
58518	-807.4	108.6	7.2	-230.1	164.3	-114.4	0.0567	0.0194	0.0089	4.55	13.29	28.87	0.00	-0.33	-1.14	0.0
58519	-778.6	97.4	-16.7	-236.4	111.7	-113.0	0.0567	0.0194	0.0089	4.12	12.05	26.17	0.00	-0.32	-1.08	0.0
58520	-801.2	87.6	-12.2	-240.4	57.4	-77.9	0.0567	0.0194	0.0089	3.33	9.72	21.11	0.00	-0.24	-1.05	0.0
58521	-868.8	75.3	-2.8	-241.8	-52.8	-60.7	0.0346	0.0194	0.0089	4.28	7.64	16.61	0.00	-0.16	-1.08	0.0
58522	-974.5	-4.7	-228.0	-297.6	1092.1	188.5	0.0567	0.0263	0.0089	9.77	21.09	61.96	0.00	-0.49	-2.38	0.0
58523	-814.3	21.3	78.6	-234.6	107.3	-47.0	0.0567	0.0194	0.0089	2.77	8.10	17.60	0.00	-0.14	-1.04	0.0
58524	-782.3	11.7	35.0	-227.2	101.3	-46.7	0.0567	0.0194	0.0089	2.29	6.70	14.54	0.00	-0.14	-0.98	0.0
58525	-802.0	10.9	10.7	-236.1	45.8	-46.4	0.0567	0.0194	0.0089	1.90	5.56	12.08	0.00	-0.13	-0.97	0.0
58526	-866.6	7.5	8.5	-247.0	-24.0	-42.9	0.0346	0.0194	0.0089	2.55	4.56	9.90	0.00	-0.09	-1.02	0.0
58527	-969.3	-46.5	-247.6	-378.6	1045.9	350.5	0.0567	0.0263	0.0089	8.96	19.34	56.82	0.00	-0.42	-2.37	0.0
58528	-784.1	-3.7	61.2	-264.9	92.8	170.3	0.0567	0.0194	0.0089	3.77	11.02	23.93	0.00	-0.27	-1.10	0.0
58529	-747.3	-15.4	23.2	-231.3	91.8	121.6	0.0567	0.0194	0.0089	2.41	7.04	15.29	0.00	-0.18	-0.97	0.0
58530	-767.2	-13.9	3.4	-239.1	48.2	81.6	0.0567	0.0194	0.0089	1.78	5.21	11.31	0.00	-0.14	-0.94	0.0
58531	-834.2	-13.9	2.3	-264.2	-24.7	56.3	0.0567	0.0194	0.0089	1.79	5.22	11.34	0.00	-0.14	-1.01	0.0
58532	-960.8	-25.9	-302.7	-358.5	1084.4	439.7	0.0567	0.0263	0.0089	9.63	20.79	61.07	0.00	-0.46	-2.47	0.0
58533	-726.0	44.0	-10.4	-239.0	133.8	226.0	0.0567	0.0194	0.0089	4.48	13.09	28.44	0.00	-0.36	-1.09	0.0
58534	-680.4	29.5	-32.5	-191.8	92.5	152.2	0.0567	0.0194	0.0089	2.91	8.50	18.46	0.00	-0.26	-0.92	0.0
58535	-699.0	28.2	-26.4	-196.2	58.4	93.8	0.0567	0.0194	0.0089	2.12	6.18	13.43	0.00	-0.18	-0.88	0.0
58536	-770.3	24.5	-16.1	-224.8	-54.0	57.9	0.0567	0.0194	0.0089	2.11	6.17	13.40	0.00	-0.17	-0.95	0.0
58537	-1026.3	118.1	-302.4	347.0	275.1	-137.3	0.0357	0.0089	0.0089	6.23	24.90	24.90	0.00	-0.43	-1.45	0.0
58538	-1091.2	124.9	-50.9	228.4	437.6	-192.6	0.0357	0.0089	0.0089	7.03	28.12	28.12	0.00	-0.21	-1.56	0.0
58539	-1098.4	101.3	-46.6	-216.8	215.8	-166.2	0.0357	0.0089	0.0089	7.69	30.77	30.77	0.00	-0.43	-1.44	0.0
58540	-1119.4	85.1	-29.2	-244.4	141.6	-120.7	0.0357	0.0089	0.0089	6.18	24.73	24.73	0.00	-0.33	-1.40	0.0
58541	-1152.9	77.8	3.4	-269.3	-123.2	-100.5	0.0137	0.0089	0.0089	12.38	18.96	18.96	0.00	-0.18	-1.39	0.0
58542	-949.3	163.4	-230.7	234.9	115.9	145.2	0.0357	0.0089	0.0089	7.46	29.83	29.83	0.00	-0.54	-1.27	0.0
58543	-1055.6	193.5	72.2	-235.4	280.6	64.7	0.0357	0.0089	0.0089	6.66	26.65	26.65	0.00	-0.10	-1.40	0.0
58544	-1097.0	179.2	60.8	-255.7	103.3	-25.4	0.0357	0.0089	0.0089	6.71	26.85	26.85	0.00	-0.18	-1.39	0.0
58545	-1130.2	164.0	14.6	-263.7	33.8	-28.8	0.0357	0.0089	0.0089	6.20	24.79	24.79	0.00	-0.21	-1.40	0.0
58546	-1163.0	147.0	14.1	-265.1	-15.2	-27.1	0.0137	0.0089	0.0089	14.73	22.56	22.56	0.00	-0.19	-1.42	0.0
58547	-903.6	158.2	-220.0	203.0	132.8	220.0	0.0357	0.0089	0.0089	8.58	34.33	34.33	0.00	-0.63	-1.26	0.0
58548	-1011.3	169.0	73.0	-256.2	257.2	152.4	0.0357	0.0089	0.0089	7.95	31.80	31.80	0.00	-0.21	-1.42	0.0
58549	-1057.3	161.4	70.2	-315.0	93.3	94.7	0.0357	0.0089	0.0089	7.40	29.59	29.59	0.00	-0.21	-1.41	0.0
58550	-1096.6	155.5	22.8	-346.0	33.2	56.6	0.0357	0.0089	0.0089	7.11	28.44	28.44	0.00	-0.24	-1.44	0.0
58551	-1134.6	145.3	20.4	-354.8	-18.1	39.7	0.0357	0.0089	0.0089	6.86	27.46	27.46	0.00	-0.23	-1.47	0.0
58552	-923.1	84.7	-343.4	-156.1	275.4	476.5	0.0357	0.0089	0.0089	11.00	44.01	44.01	0.00	-0.84	-1.52	0.0
58553	-982.6	44.7	-116.3	-320.8	363.2	436.7	0.0357	0.0089	0.0089	11.43	45.70	45.70	0.00	-0.59	-1.69	0.0
58554	-996.1	45.2	-111.6	-430.4	202.9	284.8	0.0357	0.0089	0.0089	8.65	34.59	34.59	0.00	-0.45	-1.54	0.0
58555	-1022.7	56.7	-87.1	-491.5	165.9	187.6	0.0357	0.0089	0.0089	8.00	31.99	31.99	0.00	-0.37	-1.54	0.0
58556	-1062.3	64.8	-52.6	-522.2	164.7	134.6	0.0357	0.0089	0.0089	7.93	31.70	31.70	0.00	-0.32	-1.58	0.0
58557	-933.4	20.7	-347.4	-266.0	1105.3	376.9	0.0567	0.0194	0.0089	9.62	28.09	61.02	0.00	-0.46	-2.43	0.0
58558	-689.9	74.3	-50.4	-167.6	194.8	111.2	0.0567	0.0194	0.0089	2.52	7.37	16.01	0.00	-0.16	-0.93	0.0
58559	-641.2	67.6	-59.3	-130.0	107.7	43.8	0.0567	0.0194	0.0089	1.67	4.89	10.63	0.00	-0.14	-0.78	0.0
58560	-648.3	63.5	-44.3	-123.5	68.4	25.8	0.0567	0.0194	0.0089	1.52	4.43	9.62	0.00	-0.12	-0.76	0.0
58561	-715.7	55.3	-26.3	-140.8	-77.0	-19.9	0.0567	0.0194	0.0089	1.42	4.15	9.01	0.00	-0.10	-0.83	0.0
58562	-802.9	14.0	-358.2	219.9	1124.9	212.0	0.0567	0.0194	0.0089	12.35	36.08	78.37	0.00	-0.82	-2.43	0.0
58563	-728.0	58.7	-46.4	-82.4	317.3	-18.7	0.0567	0.0194	0.0089	2.10	6.14	13.34	0.00	-0.10	-0.98	0.0
58564	-656.4	29.6	-35.1	-42.1	143.5	-31.5	0.0567	0.0194	0.0089	1.01	2.95	6.41	0.00	-0.09	-0.75	0.0
58565	-638.7	27.0	-8.1	-39.6	66.9	-34.0	0.0567	0.0194	0.0089	0.96	2.81	6.11	0.00	-0.08	-0.70	0.0
58566	-688.9	20.7	12.0	-45.0	-88.7	-33.1	0.0567	0.0194	0.0089	0.90	2.62	5.69	0.00	-0.05	-0.75	0.0
58567	-953.5	54.0	-512.5	177.9	608.1	330.6	0.0357	0.0089	0.0089	10.18	40.73	40.73	0.00	-0.76	-1.75	0.0
58568	-947.4	5.5	-305.4	-162.9	543.7	195.1	0.0357	0.0089	0.0089	3.27	13.09	13.09	0.00	-0.18	-1.42	0.0
58569	-929.9	5.8	-241.9	-236.4	365.8	58.9	0.0357	0.0089	0.0089	1.86	7.43	7.43	0.00	-0.16	-1.20	0.0
58570	-940.6	11.2	-185.6	-268.9	316.7	25.4	0.0357	0.0089	0.0089	2.74	10.96	10.96	0.00	-0.19	-1.21	0.0
58571	-981.8	16.0	-109.4	-288.1	330.0	-33.8	0.0357	0.0089	0.0089	4.60	18.41	18.41	0.00	-0.25	-1.32	0.0
58572	-797.5	53.0	-514.5	451.0	749.5	139.1	0.0567	0.0158	0.0194	8.68	31.21	25.37	0.00	-0.78	-1.96	0.0
58573	-933.2	-2.4	-230.0	-51.7	689.5	33.9	0.0567	0.0089	0.0194	3.39	21.52	9.91	0.00	-0.19	-1.55	0.0
58574	-895.4	6.7	-112.3	-69.6	439.4	-71.2	0.0357	0.0089	0.0089	4.12	16.48	16.48	0.00	-0.20	-1.24	0.0
58575	-893.1	3.9	-15.1	-91.9	319.7	-82.4	0.0357	0.0089	0.0089	4.54	18.17	18.17	0.00	-0.23	-1.16	0.0
58576	-932.0	5.1	63.0	-96.2	304.1	-76.5	0.0567	0.0089	0.0194	3.54	22.44	10.33	0.00	-0.24	-1.22	0.0
58577	-815.2	19.4	20.8	-51.3	-153.7	33.2	0.0346	0.0194	0.0089	2.27	4.05	8.80	0.00	-0.09	-0.92	0.0
58578	-1001.1	13.3	20.3	-58.1	-179.4	23.7	0.0346	0.0194	0.0089	2.05	3.65	7.93	0.00	-0.07	-1.11	0.0
58579	-1205.6	9.4	13.8	-61.4	-186.6	16.3	0.0346	0.0194	0.0089	1.62	2.89	6.28	0.00	-0.06	-1.29	0.0
58580	-1403.5	7.6	8.5	68.8	-181.6	13.3	0.0346	0.0194	0.0089	0.94	1.67	3.64	0.00	-0.02	-1.46	0.0
58581	-1581.1	7.5	6.5	75.1	203.9	14.5	0.0346	0.0194	0.0089	1.37	2.45	5.33	0.00	-0.05	-1.66	0.0
58582	-1732.3	8.2	6.4	80.6	226.6	16.6	0.0346	0.0194	0.0089	1.52	2.72	5.91	0.00	-0.06	-1.82	0.0
58583	-1853.2	8.8	6.5	85.5	245.0	18.3	0.0346	0.0194	0.0089	1.65	2.94	6.40	0.00	-0.06	-1.95	0.0
58584	-1938.6	9.0	6.3	90.0	260.3	19.1	0.0346	0.0194	0.0089	1.74	3.11	6.75	0.00	-0.07	-2.04	0.0
58585	-1980.4	8.9	5.7	94.1	273.6	19.3	0.0346	0.0194	0.0089	1.81	3.24	7.03	0.00	-0.07	-2.08	0.0
58586	-1966.6	8.5	4.8	98.0	285.8	18.8	0.0346	0.0194	0.0089	1.89	3.37	7.32	0.00	-0.07	-2.08	0.0
58587	-1883.1	8.0	3.8	101.9	297.6	18.1	0.0346	0.0194	0.0089	2.00	3.57	7.76	0.00	-0.08	-2.00	0.0
58588	-1718.8	7.5	2.7	105.8	309.3	17.1	0.0346	0.0194	0.0089	2.20	3.92	8.51	0.00	-0.08	-1.85	0.0
58589	-1473.9	6.9	1.6	109.8	321.2	15.9	0.0346	0.0194	0.0089	2.54	4.53	9.83	0.00	-0.09	-1.64	0.0
58590	-1159.9	6.3	0.4	113.7	333.0	14.5	0.0346	0.0194	0.0089	3.15	5.61	12.20	0.00	-0.11	-1.37	0.0
58591	-792.0	5.5	-1.1	117.3	344.4	12.7	0.0346	0.0194	0.0089	4.30	7.68	16.68	0.00	-0.15	-1.08	0.0
58592	-383.8	4.7	-2.7	120.4	354.6	-11.4	0.0346	0.0194	0.0089	6.43	11.47	24.91	0.00	-0.21	-0.84	0.0
58593	53.6	3.7	-4.7	122.6	363.0	-11.6	0.0346	0.0194	0.0089	11.72	20.91	45.42	0.00	-0.40	-0.77	0.0
58594	511.1	3.0	-6.5	123.4	368.2	-10.8	0.0346	0.0194	0.0089	20.72	36.98	80.32	0.00	-0.71	-0.94	0.0
58595	978.7	3.4	-7.3	122.0	367.0	-9.4	0.0346	0.0194	0.0089	32.10	57.28	124.42	0.00	-1.10	-1.26	0.0
58596	1441.4	6.0	-6.4	116.7	352.0	-9.4	0.0346	0.0194	0.0089	44.19	78.85	171.28	0.00	-1.52	-1.63	0.0
58597	1873.1	10.7	-5.3	104.8	312.7	11.9	0.0346	0.0194	0.0089	55.72	99.41	215.93	0.00	-1.92	-1.99	0.0
58598	2240.1	15.9	-5.7	85.3	247.2	18.5	0.0346	0.0194	0.0089	65.55	116.96	254.06	0.00	-2.26	-2.30	0.0
58599	-844.2	56.3	-21.7	-136.7	-126.2	26.3	0.0346	0.0194	0.0089	2.77	4.95	10.74	0.00	-0.12	-0.98	0.0
58600	-1027.2	39.7	-15.5	-154.5	-146.5	18.9	0.0346	0.0194	0.0089	2.35	4.18	9.09	0.00	-0.10	-1.15	0.0
58601	-1226.3	27.3	-14.9	172.0	-151.3	10.6	0.0346	0.0194	0.0089	1.51	2.70	5.86	0.00	-0.05	-1.32	0.0
58602	-1418.6	20.9	-15.2	191.1	152.8	-10.0	0.0346	0.0194	0.0089	1.38	2.47	5.36	0.00	-0.05	-1.51	0.0
58603	-1591.6	20.9	-15.4	207.2	175.4	-12.5	0.0346	0.0194	0.0089	1.42	2.53	5.49	0.00	-0.05	-1.69	0.0
58604	-1739.7	23.4	-15.7	221.4	193.6	-14.7	0.0346	0.0194	0.0089	1.52	2.71	5.88	0.00	-0.05	-1.84	0.0
58605	-1858.4	25.6	-16.1	234.3	208.5	-15.9	0.0346	0.0194	0.0089	1.62	2.89	6.28	0.00	-0.05	-1.97	0.0
58606	-1942.4	26.5	-16.3	246.0	221.0	-16.5	0.0346	0.0194	0.0089	1.70	3.04	6.60	0.00	-0.05	-2.06	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
58607	-1983.4	26.2	-16.4	257.0	232.1	-16.9	0.0346	0.0194	0.0089	1.77	3.16	6.87	0.00	-0.05	-2.10	0.0
58608	-1969.7	25.0	-16.3	267.5	242.4	-17.4	0.0346	0.0194	0.0089	1.86	3.31	7.19	0.00	-0.06	-2.10	0.0
58609	-1887.0	23.3	-16.0	278.0	252.2	-18.2	0.0346	0.0194	0.0089	1.99	3.55	7.70	0.00	-0.06	-2.03	0.0
58610	-1724.6	21.4	-15.5	288.5	262.0	-19.3	0.0346	0.0194	0.0089	2.22	3.97	8.62	0.00	-0.06	-1.89	0.0
58611	-1482.6	19.4	-14.7	299.0	271.8	-20.8	0.0346	0.0194	0.0089	2.66	4.74	10.29	0.00	-0.08	-1.68	0.0
58612	-1172.3	17.1	-13.9	309.2	281.5	-22.5	0.0346	0.0194	0.0089	3.44	6.14	13.34	0.00	-0.10	-1.43	0.0
58613	-808.8	14.4	-13.0	318.6	290.6	-24.1	0.0346	0.0194	0.0089	4.90	8.74	18.99	0.00	-0.15	-1.17	0.0
58614	-405.5	11.2	-12.3	326.4	298.8	-25.1	0.0346	0.0194	0.0089	7.72	13.77	29.92	0.00	-0.24	-0.96	0.0
58615	27.0	7.7	-12.0	331.8	305.2	-25.1	0.0346	0.0194	0.0089	13.05	23.29	50.59	0.00	-0.43	-0.90	0.0
58616	479.2	4.8	-12.3	333.3	308.8	-23.9	0.0346	0.0194	0.0089	21.55	38.45	83.51	0.00	-0.73	-1.04	0.0
58617	941.6	5.3	-13.4	328.8	307.5	-22.5	0.0346	0.0194	0.0089	32.30	57.64	125.19	0.00	-1.10	-1.32	0.0
58618	1400.7	12.9	-15.4	314.3	297.1	-23.4	0.0346	0.0194	0.0089	43.94	78.40	170.29	0.00	-1.50	-1.67	0.0
58619	1833.9	27.1	-18.6	284.7	270.0	-26.5	0.0346	0.0194	0.0089	55.25	98.58	214.13	0.00	-1.88	-2.02	0.0
58620	2208.8	43.7	-23.5	237.1	220.8	-28.5	0.0346	0.0194	0.0089	65.11	116.18	252.35	0.00	-2.21	-2.33	0.0
58621	-1040.9	4.8	104.3	86.9	-410.0	76.0	0.0137	0.0089	0.0089	17.90	27.41	27.41	0.00	-0.24	-1.43	0.0
58622	-1160.3	4.5	105.1	87.3	-495.7	57.7	0.0137	0.0089	0.0089	20.37	31.19	31.19	0.00	-0.27	-1.62	0.0
58623	-1293.9	4.4	83.2	90.3	-532.3	43.8	0.0137	0.0089	0.0089	19.41	29.71	29.71	0.00	-0.26	-1.75	0.0
58624	-1425.3	4.4	63.9	96.6	592.9	37.6	0.0137	0.0089	0.0089	21.00	32.15	32.15	0.00	-0.30	-1.92	0.0
58625	-1546.8	4.4	55.0	104.8	672.4	37.8	0.0137	0.0089	0.0089	23.12	35.40	35.40	0.00	-0.32	-2.11	0.0
58626	-1653.7	4.3	52.0	113.5	740.7	40.2	0.0346	0.0089	0.0194	10.00	38.77	17.85	0.00	-0.36	-2.28	0.0
58627	-1741.0	4.2	50.0	121.8	799.3	42.1	0.0346	0.0089	0.0194	10.79	41.81	19.25	0.00	-0.38	-2.42	0.0
58628	-1802.4	4.1	47.1	129.6	850.1	42.8	0.0346	0.0089	0.0194	11.49	44.53	20.50	0.00	-0.41	-2.54	0.0
58629	-1830.0	4.1	43.2	136.8	895.2	42.2	0.0346	0.0089	0.0194	12.18	47.22	21.74	0.00	-0.43	-2.62	0.0
58630	-1813.1	4.1	38.8	143.6	936.7	40.8	0.0346	0.0089	0.0194	12.98	50.31	23.16	0.00	-0.46	-2.66	0.0
58631	-1739.7	4.2	34.3	149.9	976.0	38.9	0.0346	0.0089	0.0194	14.02	54.34	25.01	0.00	-0.49	-2.66	0.0
58632	-1600.9	4.4	29.9	155.9	1014.1	36.8	0.0346	0.0089	0.0194	15.45	59.88	27.57	0.00	-0.54	-2.63	0.0
58633	-1397.0	4.7	25.8	161.5	1051.3	34.5	0.0346	0.0089	0.0194	17.41	67.46	31.06	0.00	-0.61	-2.57	0.0
58634	-1137.6	5.0	21.5	166.5	1086.6	32.1	0.0346	0.0089	0.0194	19.99	77.47	35.66	0.00	-0.70	-2.49	0.0
58635	-835.8	5.5	16.7	170.6	1118.3	29.3	0.0346	0.0089	0.0194	23.26	90.16	41.51	0.00	-0.81	-2.42	0.0
58636	-503.9	6.0	11.2	173.3	1143.8	25.9	0.0346	0.0089	0.0194	27.25	105.62	48.62	0.00	-0.95	-2.37	0.0
58637	-152.2	6.7	5.2	173.8	1159.8	22.3	0.0346	0.0089	0.0194	31.92	123.72	56.96	0.00	-1.11	-2.35	0.0
58638	210.0	7.5	-0.1	171.2	1161.7	19.4	0.0346	0.0089	0.0194	37.15	143.98	66.28	0.00	-1.28	-2.36	0.0
58639	574.3	8.2	-2.2	164.6	1141.9	19.5	0.0137	0.0089	0.0089	107.98	165.34	165.34	0.00	-1.47	-2.38	0.0
58640	932.4	9.1	-0.2	153.9	1084.7	25.9	0.0137	0.0089	0.0089	121.25	185.67	185.67	0.00	-1.66	-2.38	0.0
58641	1269.0	11.0	0.8	138.7	967.3	38.2	0.0137	0.0089	0.0089	131.72	201.70	201.70	0.00	-1.80	-2.33	0.0
58642	1556.1	12.6	-7.7	118.2	782.4	51.8	0.0137	0.0089	0.0089	138.06	211.41	211.41	0.00	-1.89	-2.22	0.0
58643	-1087.4	11.9	-89.9	262.5	-374.8	43.0	0.0137	0.0089	0.0089	6.92	10.60	10.60	0.00	-0.09	-1.36	0.0
58644	-1193.8	12.4	-59.1	275.9	-444.8	34.2	0.0137	0.0089	0.0089	10.11	15.48	15.48	0.00	-0.12	-1.54	0.0
58645	-1315.1	12.6	-56.6	296.5	479.2	24.0	0.0137	0.0089	0.0089	14.70	22.51	22.51	0.00	-0.24	-1.73	0.0
58646	-1438.0	13.6	-57.8	322.6	555.3	17.7	0.0137	0.0089	0.0089	16.76	25.66	25.66	0.00	-0.25	-1.92	0.0
58647	-1554.9	14.5	-55.9	350.7	622.3	15.9	0.0137	0.0089	0.0089	19.07	29.21	29.21	0.00	-0.28	-2.10	0.0
58648	-1659.9	14.9	-55.0	378.3	680.1	16.3	0.0137	0.0089	0.0089	21.24	32.52	32.52	0.00	-0.31	-2.26	0.0
58649	-1746.6	14.8	-55.3	404.1	730.0	16.9	0.0137	0.0089	0.0089	23.19	35.50	35.50	0.00	-0.34	-2.40	0.0
58650	-1808.3	14.7	-56.0	428.0	773.7	16.9	0.0137	0.0089	0.0089	25.04	38.34	38.34	0.00	-0.36	-2.52	0.0
58651	-1836.4	14.8	-56.3	450.2	813.1	16.1	0.0137	0.0089	0.0089	27.01	41.35	41.35	0.00	-0.39	-2.60	0.0
58652	-1820.2	15.1	-55.7	471.1	849.8	14.8	0.0137	0.0089	0.0089	29.37	44.97	44.97	0.00	-0.42	-2.65	0.0
58653	-1747.4	15.8	-53.9	491.0	884.8	13.2	0.0137	0.0089	0.0089	32.44	49.67	49.67	0.00	-0.46	-2.66	0.0
58654	-1609.0	16.8	-50.9	509.9	918.6	11.5	0.0137	0.0089	0.0089	36.58	56.01	56.01	0.00	-0.51	-2.63	0.0
58655	-1405.4	18.3	-46.9	527.8	951.3	-12.8	0.0137	0.0089	0.0089	40.96	62.72	62.72	0.00	-0.55	-2.57	0.0
58656	-1146.4	20.1	-42.4	544.0	982.2	-15.7	0.0137	0.0089	0.0089	48.10	73.65	73.65	0.00	-0.64	-2.50	0.0
58657	-845.5	22.3	-38.2	557.7	1010.0	-18.8	0.0137	0.0089	0.0089	56.97	87.23	87.23	0.00	-0.76	-2.44	0.0
58658	-515.0	24.6	-35.5	567.5	1032.4	-21.3	0.0137	0.0089	0.0089	67.58	103.48	103.48	0.00	-0.90	-2.40	0.0
58659	-165.6	26.8	-35.6	571.2	1046.4	-22.8	0.0137	0.0089	0.0089	79.72	122.07	122.07	0.00	-1.06	-2.39	0.0
58660	193.0	28.8	-39.9	566.3	1047.9	-23.3	0.0137	0.0089	0.0089	92.94	142.31	142.31	0.00	-1.24	-2.39	0.0
58661	551.3	30.8	-48.9	550.1	1031.2	-23.6	0.0137	0.0089	0.0089	106.49	163.07	163.07	0.00	-1.42	-2.41	0.0
58662	900.2	32.9	-58.6	520.0	986.3	-26.0	0.0137	0.0089	0.0089	119.42	182.87	182.87	0.00	-1.60	-2.43	0.0
58663	1228.4	35.8	-72.5	472.4	897.2	-29.9	0.0137	0.0089	0.0089	130.26	199.46	199.46	0.00	-1.74	-2.41	0.0
58664	1516.5	38.7	-99.7	404.9	748.8	-34.0	0.0137	0.0089	0.0089	137.59	210.69	210.69	0.00	-1.84	-2.35	0.0
58665	-895.3	29.1	-16.1	-200.6	-85.2	-45.6	0.0346	0.0194	0.0089	2.29	4.09	8.88	0.00	-0.09	-1.03	0.0
58666	-1066.3	12.9	-13.0	223.0	-97.0	-38.2	0.0346	0.0263	0.0089	2.60	3.43	10.08	0.00	-0.13	-1.21	0.0
58667	-1252.7	-3.4	-11.8	249.7	-98.4	-37.8	0.0346	0.0194	0.0089	2.33	4.15	9.02	0.00	-0.12	-1.39	0.0
58668	-1434.6	-15.3	-10.9	271.1	94.6	-40.0	0.0346	0.0194	0.0089	1.29	2.31	5.01	0.00	-0.06	-1.54	0.0
58669	-1600.4	-19.4	-10.3	289.0	109.5	-42.4	0.0346	0.0194	0.0089	1.24	2.22	4.81	0.00	-0.06	-1.70	0.0
58670	-1743.6	-18.1	-10.1	304.7	121.2	-44.1	0.0346	0.0194	0.0089	1.31	2.34	5.09	0.00	-0.06	-1.85	0.0
58671	-1859.3	-15.8	-10.2	318.9	130.3	-45.0	0.0346	0.0194	0.0089	1.40	2.49	5.41	0.00	-0.06	-1.97	0.0
58672	-1941.3	-14.3	-10.4	332.3	137.9	-45.4	0.0346	0.0194	0.0089	1.47	2.62	5.68	0.00	-0.06	-2.06	0.0
58673	-1981.5	-13.9	-10.5	345.2	144.5	-45.2	0.0346	0.0194	0.0089	1.52	2.72	5.91	0.00	-0.06	-2.10	0.0
58674	-1967.8	-14.3	-10.4	358.1	150.7	-44.8	0.0346	0.0194	0.0089	1.59	2.84	6.17	0.00	-0.06	-2.10	0.0
58675	-1886.1	-15.4	-9.8	371.2	156.8	-44.2	0.0346	0.0194	0.0089	1.71	3.04	6.61	0.00	-0.06	-2.03	0.0
58676	-1725.6	-16.8	-9.0	384.7	162.8	-43.5	0.0346	0.0194	0.0089	1.93	3.45	7.49	0.00	-0.06	-1.89	0.0
58677	-1486.7	-18.6	-7.8	398.4	169.0	-42.7	0.0346	0.0194	0.0089	2.38	4.25	9.24	0.00	-0.07	-1.69	0.0
58678	-1180.4	-20.5	-6.4	412.0	175.1	-41.8	0.0346	0.0194	0.0089	3.26	5.81	12.62	0.00	-0.10	-1.45	0.0
58679	-822.0	-22.8	-4.9	424.8	181.2	-40.6	0.0346	0.0194	0.0089	4.88	8.71	18.92	0.00	-0.15	-1.21	0.0
58680	-424.8	-25.2	-3.6	435.9	187.0	-39.1	0.0346	0.0194	0.0089	7.90	14.09	30.60	0.00	-0.25	-1.02	0.0
58681	0.5	-27.4	-2.8	444.1	191.9	-37.3	0.0346	0.0194	0.0089	13.27	23.68	51.44	0.00	-0.44	-0.97	0.0
58682	444.3	-27.6	-2.8	447.8	195.2	-35.2	0.0346	0.0194	0.0089	21.51	38.37	83.35	0.00	-0.73	-1.10	0.0
58683	896.5	-21.4	-3.6	444.3	195.6	-33.2	0.0346	0.0194	0.0089	31.83	56.79	123.36	0.00	-1.08	-1.35	0.0
58684	1343.5	-6.4	-5.0	429.5	190.7	-32.3	0.0346	0.0194	0.0089	42.99	76.71	166.62	0.00	-1.47	-1.67	0.0
58685	1765.7	14.8	-6.7	396.6	176.0	-34.1	0.0346	0.0194	0.0089	53.88	96.12	208.80	0.00	-1.84	-1.99	0.0
58686	2136.1	38.7	-8.3	339.8	148.6	-39.0	0.0346	0.0194	0.0089	63.49	113.27	246.05	0.00	-2.15	-2.28	0.0
58687	-952.7	-15.4	1.8	203.3	-39.3	-54.2	0.0346	0.0194	0.0089	2.22	3.96	8.61	0.00	-0.12	-1.07	0.0
58688	-1108.0	-25.5	0.6	221.0	-44.4	-46.8	0.0346	0.0194	0.0089	1.87	3.34	7.26	0.00	-0.11	-1.22	0.0
58689	-1279.5	-37.8	0.0	232.4	-44.1	-45.2	0.0346	0.0194	0.0089	1.59	2.83	6.15	0.00	-0.10	-1.38	0.0
58690	-1450.1	-49.4	-0.4	239.4	-40.7	-46.3	0.0346	0.0194	0.0089	1.38	2.47	5.36	0.00	-0.11	-1.54	0.0
58691	-1608.1	-58.7	-0.5	244.0	37.0	-48.3	0.0346	0.0194	0.0089	0.96	1.71	3.72	0.00	-0.09	-1.68	0.0
58692	-1746.1	-65.0	-0.5	247.7	42.6	-50.0	0.0346	0.0194	0.0089	0.91	1.63	3.54	0.00	-0.09	-1.81	0.0
58693	-1858.2	-68.9	-0.5	251.2	46.6	-50.8	0.0346	0.0194	0.0089	0.88	1.58	3.43	0.00	-0.09	-1.92	0.0
58694	-1938.2	-70.9	-0.6	255.4	49.5	-50.6	0.0346	0.0194	0.0089	0.86	1.53	3.31	0.00	-0.09	-2.00	0.0
58695	-1977.3	-71.7	-0.6	260.6	52.0	-49.6	0.0346	0.0194	0.0089	0.82	1.47	3.19	0.00	-0.09	-2.04	0.0
58696	-1963.7	-71.7	-0.5	267.1	54.2	-48.1	0.0346	0.0194	0.0089	0.79	1.41	3.06	0.00	-0.09	-2.03	0.0
58697	-1882.9	-71.2	-0.3	275.0	56.5	-46.3	0.0346	0.0194	0.0089	0.76	1.36	2.96	0.00	-0.08	-1.95	0.0
58698	-1724.3	-70.2	-0.1	284.3	58.9	-44.5	0.0346	0.0194	0.0089	0.76	1.35	2.93	0.00	-0.07	-1.80	0.0
58699	-1488.1	-68.7	0.2	294.8	61.4	-42.6	0.0346	0.0194	0.0089	0.78	1.40	3.04	0.00	-0.06	-1.58	0.0
58700	-1185.8	-66.3	0.6	306.3	64.2	-40.6	0.0346	0.0194	0.0089	0.92	1.65	3.58	0.00	-0.05	-1.30	0.0
58701	-832.4	-62.6	1.1	318.3	67.3	-38.2	0.0346	0.0194	0.0089	1.60	2.86	6.21	0.00	-0.05	-1.01	0.0
58702	-441.4	-57.1	1.6	330.0	70.6	-35.3	0.0346	0.0194	0.0089	3.83	6.84	14.85	0.00	-0.12	-0.77	0.0
58703	-23.7	-49.1	2.0	340.5	74.0	-31.8	0.0346	0.0194	0.0089	8.88	15.85	34.42	0.00	-0.29	-0.70	0.0
58704	411.1	-37.8	2.5	348.7	76.9	-27.9	0.0346	0.0194	0.0089	17.50	31.23	67.84	0.00	-0.59	-0.85	0.0
58705	852.2	-22.9	3.1	352.8	78.3	-24.3	0.0346	0.0194	0.0089	28.33	50.55	109.80	0.00	-0.97	-1.14	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
58706	1285.8	-4.3	4.0	350.0	77.0	-22.5	0.0346	0.0194	0.0089	39.79	71.00	154.22	0.00	-1.36	-1.49	0.0
58707	1693.1	18.7	5.3	335.0	71.1	-24.3	0.0346	0.0194	0.0089	50.82	90.68	196.96	0.00	-1.74	-1.83	0.0
58708	2052.3	48.7	7.2	301.5	62.2	-30.3	0.0346	0.0194	0.0089	60.58	108.09	234.80	0.00	-2.05	-2.13	0.0
58709	-981.9	-4.0	6.5	-168.0	-33.9	31.6	0.0346	0.0194	0.0089	1.54	2.75	5.97	0.00	-0.08	-1.06	0.0
58710	-1131.4	-17.7	4.5	-161.0	-39.5	27.3	0.0346	0.0194	0.0089	1.10	1.96	4.25	0.00	-0.07	-1.19	0.0
58711	-1297.2	-33.2	3.5	-152.4	-40.5	23.0	0.0346	0.0194	0.0089	0.69	1.24	2.69	0.00	-0.06	-1.34	0.0
58712	-1462.7	-48.3	3.1	-142.3	-38.0	-21.1	0.0346	0.0194	0.0089	0.31	0.55	1.20	0.00	-0.05	-1.49	0.0
58713	-1616.4	-61.4	3.3	-131.0	-34.2	-20.3	0.0346	0.0194	0.0089	0.26	0.47	1.02	0.00	-0.06	-1.64	0.0
58714	-1750.8	-71.6	3.6	-118.9	39.4	-19.6	0.0346	0.0194	0.0089	0.32	0.57	1.24	0.00	-0.08	-1.77	0.0
58715	-1860.3	-78.8	3.8	-106.4	43.8	-18.7	0.0346	0.0194	0.0089	0.29	0.52	1.14	0.00	-0.09	-1.88	0.0
58716	-1938.3	-83.3	3.8	-94.0	47.2	-17.4	0.0346	0.0194	0.0089	0.27	0.48	1.04	0.00	-0.09	-1.95	0.0
58717	-1976.3	-85.6	3.7	-82.4	50.1	-15.7	0.0346	0.0194	0.0089	0.24	0.44	0.95	0.00	-0.09	-1.99	0.0
58718	-1962.3	-85.9	3.6	-72.8	52.6	-13.9	0.0346	0.0194	0.0089	0.22	0.40	0.86	0.00	-0.09	-1.97	0.0
58719	-1882.0	-84.5	3.4	-67.2	55.1	13.1	0.0346	0.0194	0.0089	0.18	0.33	0.71	0.00	-0.09	-1.89	0.0
58720	-1725.1	-81.5	3.2	-67.4	57.6	14.8	0.0346	0.0194	0.0089	0.20	0.36	0.78	0.00	-0.09	-1.74	0.0
58721	-1491.6	-76.7	3.0	-73.5	60.2	17.4	0.0346	0.0194	0.0089	0.23	0.41	0.89	0.00	-0.08	-1.51	0.0
58722	-1192.8	-70.0	2.7	-83.9	63.0	20.7	0.0346	0.0194	0.0089	0.28	0.50	1.08	0.00	-0.08	-1.21	0.0
58723	-843.7	-60.9	2.5	-96.8	65.9	24.6	0.0346	0.0194	0.0089	0.35	0.63	1.37	0.00	-0.07	-0.87	0.0
58724	-457.6	-48.9	2.2	-111.3	69.0	28.8	0.0346	0.0194	0.0089	0.47	0.84	1.82	0.00	-0.04	-0.51	0.0
58725	-45.1	-33.6	1.8	-126.5	72.2	33.4	0.0346	0.0194	0.0089	2.78	4.96	10.78	0.00	-0.07	-0.29	0.0
58726	384.4	-14.6	1.4	-141.7	74.8	38.7	0.0346	0.0194	0.0089	12.64	22.56	49.00	0.00	-0.41	-0.54	0.0
58727	820.8	8.1	1.1	-155.8	75.8	44.9	0.0346	0.0263	0.0089	24.68	32.56	95.66	0.00	-0.81	-0.93	0.0
58728	1250.4	34.3	1.5	-167.3	73.3	51.8	0.0346	0.0194	0.0089	36.85	65.76	142.83	0.00	-1.21	-1.33	0.0
58729	1654.1	64.4	2.7	-175.9	65.5	57.3	0.0346	0.0194	0.0089	48.38	86.31	187.49	0.00	-1.58	-1.72	0.0
58730	2010.4	101.9	5.1	-182.7	55.5	58.6	0.0346	0.0194	0.0089	58.58	104.53	227.05	0.00	-1.91	-2.06	0.0
58731	-987.0	49.8	4.1	-164.0	-70.4	53.6	0.0346	0.0194	0.0089	3.28	5.84	12.69	0.00	-0.14	-1.13	0.0
58732	-1140.5	28.9	5.4	-157.2	-82.0	47.2	0.0346	0.0194	0.0089	2.62	4.67	10.14	0.00	-0.12	-1.26	0.0
58733	-1308.4	7.4	3.7	-151.2	-85.5	41.5	0.0346	0.0194	0.0089	1.96	3.50	7.61	0.00	-0.10	-1.40	0.0
58734	-1474.0	-12.4	1.3	-145.1	85.8	37.3	0.0346	0.0194	0.0089	0.95	1.70	3.69	0.00	-0.06	-1.53	0.0
58735	-1626.3	-29.3	0.1	-138.2	99.7	34.5	0.0346	0.0194	0.0089	0.66	1.18	2.56	0.00	-0.06	-1.67	0.0
58736	-1758.9	-42.8	-0.4	-130.4	111.3	32.7	0.0346	0.0194	0.0089	0.53	0.94	2.04	0.00	-0.06	-1.79	0.0
58737	-1866.4	-53.0	-0.7	-121.7	121.1	31.5	0.0346	0.0194	0.0089	0.47	0.84	1.82	0.00	-0.07	-1.90	0.0
58738	-1942.7	-60.0	-1.0	-112.4	129.5	30.7	0.0346	0.0194	0.0089	0.45	0.80	1.73	0.00	-0.08	-1.97	0.0
58739	-1979.4	-64.2	-1.3	-102.8	136.9	30.3	0.0346	0.0194	0.0089	0.44	0.79	1.72	0.00	-0.08	-2.01	0.0
58740	-1964.8	-65.3	-1.8	-94.2	143.7	30.3	0.0346	0.0194	0.0089	0.46	0.82	1.77	0.00	-0.08	-2.00	0.0
58741	-1884.9	-63.5	-2.3	-89.2	150.1	30.8	0.0346	0.0194	0.0089	0.49	0.87	1.90	0.00	-0.08	-1.92	0.0
58742	-1729.4	-58.5	-2.8	-93.0	156.2	31.8	0.0346	0.0194	0.0089	0.54	0.97	2.10	0.00	-0.08	-1.77	0.0
58743	-1498.5	-50.3	-3.3	-105.9	162.2	33.2	0.0346	0.0194	0.0089	0.62	1.11	2.40	0.00	-0.07	-1.55	0.0
58744	-1203.0	-38.8	-3.8	-122.6	168.0	35.1	0.0346	0.0194	0.0089	0.74	1.32	2.86	0.00	-0.06	-1.26	0.0
58745	-857.4	-24.1	-4.5	-140.6	173.5	37.5	0.0346	0.0194	0.0089	0.93	1.67	3.62	0.00	-0.04	-0.95	0.0
58746	-474.8	-5.9	-5.3	-158.9	178.5	40.4	0.0346	0.0194	0.0089	1.78	3.18	6.90	0.00	-0.03	-0.64	0.0
58747	-65.4	16.2	-6.2	-176.7	182.8	43.9	0.0346	0.0194	0.0089	5.85	10.43	22.67	0.00	-0.15	-0.51	0.0
58748	362.2	42.6	-7.1	-193.5	185.5	48.4	0.0346	0.0194	0.0089	14.40	25.69	55.81	0.00	-0.43	-0.67	0.0
58749	799.0	73.9	-7.7	-208.2	185.2	54.3	0.0346	0.0194	0.0089	25.56	45.61	99.08	0.00	-0.79	-1.00	0.0
58750	1232.4	109.7	-7.8	-219.5	178.7	61.7	0.0346	0.0194	0.0089	37.38	66.69	144.87	0.00	-1.17	-1.38	0.0
58751	1643.6	148.7	-8.1	-226.5	161.9	68.5	0.0346	0.0194	0.0089	48.81	87.09	189.17	0.00	-1.53	-1.76	0.0
58752	2008.5	189.8	-8.6	-229.6	135.7	70.6	0.0346	0.0194	0.0089	59.04	105.34	228.82	0.00	-1.85	-2.10	0.0
58753	-1154.1	48.1	-53.8	468.8	-185.2	-116.9	0.0137	0.0089	0.0089	21.60	33.08	33.08	0.00	-0.42	-1.63	0.0
58754	-1236.8	42.8	-40.2	486.9	-216.9	-91.0	0.0137	0.0089	0.0089	20.88	31.97	31.97	0.00	-0.38	-1.71	0.0
58755	-1335.2	38.0	-36.8	516.6	-226.4	-81.8	0.0137	0.0089	0.0089	20.79	31.84	31.84	0.00	-0.37	-1.82	0.0
58756	-1441.1	35.8	-33.7	554.9	260.8	-83.5	0.0137	0.0089	0.0089	16.16	24.74	24.74	0.00	-0.21	-1.89	0.0
58757	-1546.6	35.4	-30.6	596.7	292.7	-89.6	0.0137	0.0089	0.0089	17.21	26.36	26.36	0.00	-0.21	-2.03	0.0
58758	-1644.3	35.2	-29.3	638.1	319.6	-95.3	0.0137	0.0089	0.0089	18.32	28.05	28.05	0.00	-0.22	-2.17	0.0
58759	-1726.7	34.6	-29.5	677.3	342.4	-98.8	0.0137	0.0089	0.0089	19.45	29.78	29.78	0.00	-0.23	-2.29	0.0
58760	-1786.3	34.1	-30.0	714.3	362.2	-100.2	0.0137	0.0089	0.0089	20.69	31.69	31.69	0.00	-0.25	-2.38	0.0
58761	-1813.9	34.3	-30.3	749.3	380.1	-99.7	0.0137	0.0089	0.0089	22.21	34.01	34.01	0.00	-0.27	-2.46	0.0
58762	-1798.3	35.4	-29.7	782.8	396.8	-98.1	0.0137	0.0089	0.0089	24.20	37.05	37.05	0.00	-0.29	-2.50	0.0
58763	-1726.8	37.6	-27.9	815.0	413.0	-95.9	0.0137	0.0089	0.0089	26.90	41.19	41.19	0.00	-0.32	-2.50	0.0
58764	-1590.2	41.1	-24.9	845.9	428.6	-93.2	0.0137	0.0089	0.0089	30.61	46.87	46.87	0.00	-0.37	-2.46	0.0
58765	-1389.0	45.9	-20.8	875.0	443.9	-90.2	0.0137	0.0089	0.0089	35.64	54.57	54.57	0.00	-0.43	-2.39	0.0
58766	-1133.5	51.9	-15.9	901.6	458.5	-86.8	0.0137	0.0089	0.0089	42.23	64.66	64.66	0.00	-0.52	-2.31	0.0
58767	-837.8	58.8	-11.0	924.3	471.9	-82.7	0.0137	0.0089	0.0089	50.52	77.36	77.36	0.00	-0.63	-2.24	0.0
58768	-514.7	66.3	-6.8	940.7	483.3	-77.6	0.0137	0.0089	0.0089	60.53	92.68	92.68	0.00	-0.76	-2.18	0.0
58769	-175.5	73.7	-4.7	947.8	491.2	-71.3	0.0137	0.0089	0.0089	72.05	110.33	110.33	0.00	-0.92	-2.15	0.0
58770	169.9	81.1	-5.8	941.6	493.6	-64.2	0.0137	0.0089	0.0089	84.64	129.60	129.60	0.00	-1.09	-2.14	0.0
58771	511.5	89.5	-10.5	917.8	487.8	-58.0	0.0137	0.0089	0.0089	97.58	149.42	149.42	0.00	-1.27	-2.14	0.0
58772	840.0	100.6	-16.2	872.6	469.6	-57.1	0.0137	0.0089	0.0089	110.05	168.51	168.51	0.00	-1.44	-2.15	0.0
58773	1145.8	113.4	-22.3	801.5	432.5	-67.4	0.0137	0.0089	0.0089	121.05	185.36	185.36	0.00	-1.58	-2.15	0.0
58774	1419.5	127.4	-30.0	699.6	366.5	-88.2	0.0137	0.0089	0.0089	129.82	198.79	198.79	0.00	-1.68	-2.14	0.0
58775	-1207.4	131.7	17.1	286.1	-27.4	-39.3	0.0137	0.0089	0.0089	14.68	22.48	22.48	0.00	-0.19	-1.47	0.0
58776	-1271.6	107.4	11.9	281.3	-31.0	-36.6	0.0137	0.0089	0.0089	12.68	19.41	19.41	0.00	-0.17	-1.50	0.0
58777	-1351.5	87.0	8.8	278.8	-29.4	-36.9	0.0137	0.0089	0.0089	11.06	16.93	16.93	0.00	-0.15	-1.56	0.0
58778	-1441.8	72.5	7.4	280.7	-25.9	-37.8	0.0137	0.0089	0.0089	9.97	15.27	15.27	0.00	-0.14	-1.63	0.0
58779	-1535.3	64.0	7.6	286.1	-21.8	-38.8	0.0137	0.0089	0.0089	9.37	14.35	14.35	0.00	-0.14	-1.71	0.0
58780	-1624.2	59.5	8.3	293.9	20.4	-39.4	0.0137	0.0089	0.0089	8.81	13.49	13.49	0.00	-0.12	-1.80	0.0
58781	-1700.7	57.3	8.9	303.3	22.8	-39.4	0.0137	0.0089	0.0089	8.72	13.35	13.35	0.00	-0.12	-1.87	0.0
58782	-1756.7	56.2	9.3	313.9	24.4	-38.8	0.0137	0.0089	0.0089	8.75	13.39	13.39	0.00	-0.12	-1.93	0.0
58783	-1782.8	56.0	9.4	325.3	25.6	-37.7	0.0137	0.0089	0.0089	8.88	13.60	13.60	0.00	-0.12	-1.96	0.0
58784	-1767.5	56.3	9.3	337.5	26.7	-36.3	0.0137	0.0089	0.0089	9.15	14.00	14.00	0.00	-0.12	-1.95	0.0
58785	-1697.7	57.1	9.1	350.3	27.8	-34.9	0.0137	0.0089	0.0089	9.60	14.70	14.70	0.00	-0.13	-1.90	0.0
58786	-1564.2	58.5	8.9	363.4	29.1	-33.4	0.0137	0.0089	0.0089	10.34	15.84	15.84	0.00	-0.14	-1.78	0.0
58787	-1367.4	60.6	8.6	376.4	30.7	-31.9	0.0137	0.0089	0.0089	11.51	17.63	17.63	0.00	-0.15	-1.62	0.0
58788	-1118.1	63.7	8.3	389.1	32.5	-30.4	0.0137	0.0089	0.0089	13.34	20.43	20.43	0.00	-0.18	-1.42	0.0
58789	-830.6	67.9	7.9	400.6	34.7	-28.6	0.0137	0.0089	0.0089	16.19	24.79	24.79	0.00	-0.21	-1.21	0.0
58790	-518.0	73.9	7.5	410.0	37.4	-26.4	0.0137	0.0089	0.0089	20.73	31.75	31.75	0.00	-0.27	-1.01	0.0
58791	-191.7	82.2	7.0	415.9	40.3	-23.8	0.0137	0.0089	0.0089	28.00	42.88	42.88	0.00	-0.37	-0.88	0.0
58792	138.2	94.4	6.6	416.8	43.3	-20.8	0.0137	0.0089	0.0089	39.04	59.78	59.78	0.00	-0.52	-0.84	0.0
58793	462.3	112.6	7.0	410.8	45.4	-17.8	0.0137	0.0089	0.0089	53.72	82.25	82.25	0.00	-0.72	-0.90	0.0
58794	771.9	138.3	9.1	396.6	45.5	18.9	0.0137	0.0089	0.0089	70.55	108.02	108.02	0.00	-0.96	-1.02	0.0
58795	1060.1	169.4	12.5	373.4	43.0	20.9	0.0137	0.0089	0.0089	87.54	134.05	134.05	0.00	-1.16	-1.19	0.0
58796	1320.1	202.0	19.4	339.9	36.6	21.5	0.0137	0.0089	0.0089	103.52	158.52	158.52	0.00	-1.31	-1.40	0.0
58797	-1226.3	139.4	12.0	185.5	-24.3	19.5	0.0137	0.0089	0.0089	12.12	18.56	18.56	0.00	-0.15	-1.42	0.0
58798	-1288.4	112.3	8.6	174.0	-29.0	18.2	0.0137	0.0089	0.0089	9.89	15.14	15.14	0.00	-0.13	-1.45	0.0
58799	-1365.2	90.6	6.7	156.9	-29.1	-18.2	0.0137	0.0089	0.0089	8.16	12.49	12.49	0.00	-0.11	-1.49	0.0
58800	-1451.7	75.4	5.3	137.2	-26.8	-18.5	0.0137	0.0089	0.0089	6.76	10.36	10.36	0.00	-0.09	-1.56	0.0
58801	-1541.4	66.1	4.6	117.1	-23.4	-18.3	0.0137	0.0089	0.0089	5.84	8.94	8.94	0.00	-0.08	-1.63	0.0
58802	-1626.8	61.1	4.3	-105.7	20.9	-17.9	0.0137	0.0089	0.0089	5.34	8.17	8.17	0.00	-0.07	-1.71	0.0
58803	-1700.4	58.3	4.2	-94.1	24.0	-17.2	0.0137	0.0089	0.0089	5.01	7.68	7.68	0.00	-0.07	-1.77	0.0
58804	-1754.2	56.5	4.2	-81.8	26.2	-16.2	0.0137	0.0089	0.0089	4.76	7.29	7.29	0.00	-0.07	-1.82	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
58805	-1779.1	55.1	4.2	-69.9	27.9	-14.7	0.0137	0.0089	0.0089	4.54	6.95	6.95	0.00	-0.06	-1.84	0.0
58806	-1763.4	53.9	4.3	-59.7	29.4	-13.1	0.0137	0.0089	0.0089	4.35	6.66	6.66	0.00	-0.06	-1.83	0.0
58807	-1694.4	52.8	4.4	-53.1	30.9	-11.5	0.0137	0.0089	0.0089	4.20	6.42	6.42	0.00	-0.06	-1.75	0.0
58808	-1562.9	52.0	4.6	-51.8	32.5	-10.1	0.0137	0.0089	0.0089	4.10	6.28	6.28	0.00	-0.05	-1.62	0.0
58809	-1369.3	51.6	4.8	-56.0	34.3	12.2	0.0137	0.0089	0.0089	4.10	6.28	6.28	0.00	-0.05	-1.43	0.0
58810	-1124.1	51.8	5.1	-64.5	36.3	15.1	0.0137	0.0089	0.0089	4.29	6.56	6.56	0.00	-0.06	-1.19	0.0
58811	-841.3	53.1	5.5	-76.1	38.7	18.5	0.0137	0.0089	0.0089	4.65	7.11	7.11	0.00	-0.06	-0.91	0.0
58812	-534.1	55.8	5.9	-89.9	41.3	22.1	0.0137	0.0089	0.0089	5.34	8.18	8.18	0.00	-0.07	-0.62	0.0
58813	-213.3	61.0	6.5	-105.3	44.1	26.0	0.0137	0.0089	0.0089	7.17	10.98	10.98	0.00	-0.08	-0.36	0.0
58814	111.3	70.2	7.5	-121.8	46.6	30.3	0.0137	0.0089	0.0089	15.76	24.13	24.13	0.00	-0.17	-0.29	0.0
58815	431.0	85.8	9.0	-138.4	47.8	34.7	0.0137	0.0089	0.0089	35.23	53.94	53.94	0.00	-0.41	-0.51	0.0
58816	737.8	109.9	11.5	-154.1	46.1	38.7	0.0137	0.0089	0.0089	56.66	86.76	86.76	0.00	-0.68	-0.79	0.0
58817	1025.6	142.3	14.3	-167.7	40.8	40.6	0.0137	0.0089	0.0089	77.27	118.32	118.32	0.00	-0.93	-1.06	0.0
58818	1287.7	181.1	20.0	-178.1	32.2	38.7	0.0137	0.0089	0.0089	96.19	147.29	147.29	0.00	-1.15	-1.31	0.0
58819	-1214.5	93.3	32.4	-221.9	-155.2	77.9	0.0137	0.0089	0.0089	14.50	22.21	22.21	0.00	-0.22	-1.46	0.0
58820	-1290.8	89.0	37.6	-230.5	-182.3	65.6	0.0137	0.0089	0.0089	14.02	21.47	21.47	0.00	-0.20	-1.54	0.0
58821	-1378.6	82.1	30.1	-251.5	196.9	54.9	0.0137	0.0089	0.0089	9.54	14.61	14.61	0.00	-0.08	-1.58	0.0
58822	-1471.7	74.2	21.8	-276.8	230.2	47.5	0.0137	0.0089	0.0089	8.99	13.77	13.77	0.00	-0.07	-1.68	0.0
58823	-1564.1	67.2	17.0	-301.9	260.0	43.6	0.0137	0.0089	0.0089	8.87	13.58	13.58	0.00	-0.06	-1.78	0.0
58824	-1649.7	61.1	15.1	-325.5	286.5	41.7	0.0137	0.0089	0.0089	8.98	13.75	13.75	0.00	-0.06	-1.88	0.0
58825	-1722.3	55.2	13.9	-347.0	309.7	40.6	0.0137	0.0089	0.0089	9.17	14.05	14.05	0.00	-0.06	-1.97	0.0
58826	-1774.6	48.9	12.6	-366.3	330.3	39.9	0.0137	0.0089	0.0089	9.42	14.42	14.42	0.00	-0.07	-2.03	0.0
58827	-1797.8	42.2	10.9	-383.9	348.6	39.7	0.0137	0.0089	0.0089	9.74	14.92	14.92	0.00	-0.07	-2.07	0.0
58828	-1781.1	35.5	8.9	-400.2	365.4	40.1	0.0137	0.0089	0.0089	10.23	15.67	15.67	0.00	-0.08	-2.07	0.0
58829	-1712.3	29.8	6.9	-416.0	381.0	41.4	0.0137	0.0089	0.0089	11.06	16.94	16.94	0.00	-0.09	-2.03	0.0
58830	-1582.5	26.4	4.9	-431.5	395.8	43.7	0.0137	0.0089	0.0089	12.46	19.08	19.08	0.00	-0.11	-1.95	0.0
58831	-1392.3	25.4	2.9	-446.9	409.8	47.0	0.0137	0.0089	0.0089	14.68	22.48	22.48	0.00	-0.14	-1.82	0.0
58832	-1151.2	25.8	0.7	-462.2	422.9	51.1	0.0137	0.0089	0.0089	17.98	27.53	27.53	0.00	-0.18	-1.68	0.0
58833	-872.4	26.8	-1.7	-477.0	434.7	56.0	0.0137	0.0089	0.0089	22.76	34.85	34.85	0.00	-0.25	-1.54	0.0
58834	-568.0	28.3	-4.7	-490.6	444.4	61.5	0.0137	0.0089	0.0089	29.55	45.25	45.25	0.00	-0.33	-1.42	0.0
58835	-248.5	30.3	-8.2	-501.9	451.2	67.5	0.0137	0.0089	0.0089	38.84	59.48	59.48	0.00	-0.46	-1.36	0.0
58836	77.5	33.4	-11.6	-509.5	453.7	75.1	0.0137	0.0089	0.0089	50.77	77.74	77.74	0.00	-0.61	-1.37	0.0
58837	402.3	38.7	-13.8	-510.7	449.2	85.7	0.0137	0.0089	0.0089	64.82	99.25	99.25	0.00	-0.79	-1.44	0.0
58838	719.5	47.4	-14.3	-501.3	432.2	100.3	0.0137	0.0089	0.0089	79.95	122.42	122.42	0.00	-0.98	-1.55	0.0
58839	1022.3	60.8	-15.1	-477.7	396.4	116.0	0.0137	0.0089	0.0089	95.09	145.60	145.60	0.00	-1.17	-1.67	0.0
58840	1302.3	82.8	-18.3	-439.7	338.7	123.0	0.0137	0.0089	0.0089	109.53	167.72	167.72	0.00	-1.35	-1.78	0.0
58841	-986.8	101.5	-12.0	-173.6	-100.5	49.2	0.0346	0.0194	0.0089	4.46	7.95	17.27	0.00	-0.18	-1.18	0.0
58842	-1144.7	74.0	-6.6	-166.6	-115.5	39.5	0.0346	0.0194	0.0089	3.51	6.26	13.59	0.00	-0.14	-1.30	0.0
58843	-1314.9	47.5	-7.4	-159.0	-120.0	30.9	0.0346	0.0194	0.0089	2.56	4.57	9.92	0.00	-0.11	-1.43	0.0
58844	-1481.0	23.9	-9.6	-150.3	131.1	24.4	0.0346	0.0194	0.0089	1.21	2.16	4.70	0.00	-0.04	-1.55	0.0
58845	-1632.7	4.1	-11.3	-140.1	149.6	21.4	0.0346	0.0194	0.0089	0.58	1.04	2.26	0.00	-0.02	-1.68	0.0
58846	-1764.0	-11.9	-12.3	-128.4	165.3	21.8	0.0346	0.0194	0.0089	0.30	0.54	1.18	0.00	-0.02	-1.80	0.0
58847	-1870.2	-24.3	-12.9	-115.2	178.9	23.2	0.0346	0.0194	0.0089	0.28	0.50	1.08	0.00	-0.03	-1.90	0.0
58848	-1945.3	-33.5	-13.3	-101.1	190.8	24.2	0.0346	0.0194	0.0089	0.31	0.55	1.19	0.00	-0.04	-1.98	0.0
58849	-1981.2	-39.4	-13.6	-86.7	201.3	24.8	0.0346	0.0194	0.0089	0.35	0.62	1.35	0.00	-0.05	-2.02	0.0
58850	-1966.0	-41.9	-14.0	-73.0	211.0	25.0	0.0346	0.0194	0.0089	0.41	0.73	1.58	0.00	-0.06	-2.01	0.0
58851	-1886.3	-40.6	-14.3	-63.1	220.1	25.0	0.0346	0.0194	0.0089	0.49	0.87	1.88	0.00	-0.06	-1.93	0.0
58852	-1731.8	-35.1	-14.7	-63.7	228.9	24.9	0.0346	0.0194	0.0089	0.59	1.05	2.28	0.00	-0.06	-1.78	0.0
58853	-1502.6	-25.3	-15.1	-74.8	237.3	24.6	0.0346	0.0194	0.0089	0.73	1.31	2.84	0.00	-0.05	-1.57	0.0
58854	-1209.3	-11.5	-15.6	-90.1	245.4	24.2	0.0346	0.0194	0.0089	0.98	1.75	3.79	0.00	-0.04	-1.30	0.0
58855	-866.0	6.1	-16.1	-106.6	252.8	23.5	0.0346	0.0194	0.0089	1.57	2.79	6.07	0.00	-0.04	-1.00	0.0
58856	-485.6	27.5	-16.8	-123.3	259.3	22.5	0.0346	0.0194	0.0089	3.23	5.77	12.54	0.00	-0.08	-0.74	0.0
58857	-77.9	53.1	-17.5	-139.8	264.4	21.2	0.0346	0.0194	0.0089	7.29	13.01	28.26	0.00	-0.20	-0.60	0.0
58858	348.7	83.7	-18.3	-155.4	267.4	20.9	0.0346	0.0194	0.0089	15.23	27.17	59.01	0.00	-0.45	-0.72	0.0
58859	786.1	120.1	-19.2	-169.9	266.5	23.9	0.0346	0.0194	0.0089	25.92	46.25	100.46	0.00	-0.79	-1.02	0.0
58860	1222.6	162.3	-20.5	-182.9	257.8	30.1	0.0346	0.0194	0.0089	37.55	67.00	145.53	0.00	-1.15	-1.39	0.0
58861	1639.9	207.8	-23.1	-194.3	235.8	37.7	0.0346	0.0194	0.0089	48.98	87.39	189.83	0.00	-1.50	-1.77	0.0
58862	2013.3	252.5	-27.1	-204.6	199.0	44.7	0.0346	0.0194	0.0089	59.33	105.85	229.92	0.00	-1.81	-2.11	0.0
58863	-993.8	115.6	-23.0	-195.6	-103.2	-21.9	0.0346	0.0194	0.0089	4.31	7.68	16.69	0.00	-0.16	-1.19	0.0
58864	-1151.1	85.3	-16.7	-191.7	-117.5	-16.8	0.0346	0.0194	0.0089	3.30	5.89	12.80	0.00	-0.12	-1.31	0.0
58865	-1320.0	56.5	-16.3	-184.9	-121.4	-11.9	0.0346	0.0194	0.0089	2.34	4.18	9.07	0.00	-0.09	-1.44	0.0
58866	-1484.6	30.9	-17.5	-175.4	131.8	-7.7	0.0346	0.0194	0.0089	1.70	3.03	6.58	0.00	-0.07	-1.57	0.0
58867	-1634.9	9.6	-18.5	-163.8	150.5	-6.5	0.0346	0.0194	0.0089	1.05	1.88	4.09	0.00	-0.05	-1.70	0.0
58868	-1765.0	-7.7	-19.1	-150.6	166.3	-9.1	0.0346	0.0194	0.0089	0.70	1.25	2.71	0.00	-0.05	-1.82	0.0
58869	-1870.2	-21.4	-19.4	-136.7	179.8	-11.2	0.0346	0.0194	0.0089	0.51	0.92	1.99	0.00	-0.05	-1.92	0.0
58870	-1944.6	-31.7	-19.5	-123.1	191.6	-12.5	0.0346	0.0194	0.0089	0.43	0.76	1.65	0.00	-0.05	-1.99	0.0
58871	-1979.9	-38.7	-19.6	-110.7	202.1	-13.2	0.0346	0.0194	0.0089	0.40	0.71	1.54	0.00	-0.06	-2.02	0.0
58872	-1964.6	-42.4	-19.6	-100.3	211.7	-13.6	0.0346	0.0194	0.0089	0.42	0.75	1.62	0.00	-0.06	-2.01	0.0
58873	-1884.9	-42.1	-19.6	-93.0	220.7	-13.9	0.0346	0.0194	0.0089	0.50	0.89	1.93	0.00	-0.07	-1.93	0.0
58874	-1730.9	-37.1	-19.5	94.0	229.4	-14.1	0.0346	0.0194	0.0089	0.31	0.56	1.21	0.00	-0.04	-1.78	0.0
58875	-1502.6	-27.3	-19.4	101.4	237.9	-14.2	0.0346	0.0194	0.0089	0.52	0.92	2.00	0.00	-0.04	-1.56	0.0
58876	-1210.4	-13.2	-19.4	111.9	245.9	-14.1	0.0346	0.0194	0.0089	0.90	1.61	3.49	0.00	-0.04	-1.30	0.0
58877	-868.5	4.7	-19.5	124.6	253.4	-13.7	0.0346	0.0194	0.0089	1.74	3.10	6.74	0.00	-0.05	-1.01	0.0
58878	-489.4	26.4	-19.7	138.6	260.0	-12.8	0.0346	0.0194	0.0089	3.55	6.34	13.78	0.00	-0.10	-0.75	0.0
58879	-83.2	52.5	-20.0	152.8	265.2	-11.2	0.0346	0.0194	0.0089	7.58	13.52	29.37	0.00	-0.22	-0.62	0.0
58880	342.0	83.5	-20.5	166.4	268.2	-9.4	0.0346	0.0194	0.0089	15.33	27.35	59.41	0.00	-0.46	-0.72	0.0
58881	777.8	120.3	-21.3	178.0	267.4	-12.0	0.0346	0.0194	0.0089	25.85	46.12	100.17	0.00	-0.79	-1.02	0.0
58882	1213.1	163.1	-22.5	186.3	259.0	-18.4	0.0346	0.0194	0.0089	37.35	66.65	144.77	0.00	-1.15	-1.38	0.0
58883	1629.9	209.9	-25.0	189.6	237.8	-25.5	0.0346	0.0194	0.0089	48.69	86.88	188.72	0.00	-1.49	-1.76	0.0
58884	2004.3	256.8	-28.8	186.4	202.0	-31.2	0.0346	0.0194	0.0089	58.99	105.24	228.60	0.00	-1.80	-2.10	0.0
58885	-1199.0	23.0	-12.5	-137.2	-333.7	88.7	0.0137	0.0089	0.0089	12.83	19.65	19.65	0.00	-0.24	-1.47	0.0
58886	-1289.1	25.2	11.2	-135.9	-386.8	71.2	0.0137	0.0089	0.0089	13.76	21.07	21.07	0.00	-0.22	-1.59	0.0
58887	-1389.0	28.8	7.0	-140.1	452.7	56.2	0.0137	0.0089	0.0089	10.44	15.99	15.99	0.00	-0.10	-1.68	0.0
58888	-1489.6	27.1	-4.3	-145.7	518.5	45.3	0.0137	0.0089	0.0089	11.61	17.77	17.77	0.00	-0.12	-1.83	0.0
58889	-1586.0	23.3	-13.3	-150.8	578.9	39.7	0.0137	0.0089	0.0089	12.97	19.85	19.85	0.00	-0.14	-1.97	0.0
58890	-1673.5	18.8	-19.2	-155.1	633.5	39.4	0.0137	0.0089	0.0089	14.36	21.99	21.99	0.00	-0.17	-2.10	0.0
58891	-1746.6	14.3	-23.2	-158.6	682.5	41.4	0.0137	0.0089	0.0089	15.73	24.08	24.08	0.00	-0.19	-2.21	0.0
58892	-1798.6	9.8	-26.4	-161.7	726.2	43.2	0.0137	0.0089	0.0089	17.10	26.19	26.19	0.00	-0.21	-2.31	0.0
58893	-1821.1	5.5	-29.2	-164.8	765.6	44.2	0.0137	0.0089	0.0089	18.59	28.47	28.47	0.00	-0.24	-2.37	0.0
58894	-1803.7	1.4	-31.7	-168.6	801.7	44.5	0.0137	0.0089	0.0089	20.36	31.18	31.18	0.00	-0.26	-2.41	0.0
58895	-1734.5	-1.9	-34.0	-173.4	835.4	44.3	0.0137	0.0089	0.0089	22.64	34.66	34.66	0.00	-0.30	-2.40	0.0
58896	-1605.1	-3.6	-36.2	-179.5	867.1	43.8	0.0137	0.0089	0.0089	25.71	39.37	39.37	0.00	-0.34	-2.36	0.0
58897	-1415.6	-3.5	-38.5	-187.2	896.9	42.9	0.0137	0.0089	0.0089	29.87	45.73	45.73	0.00	-0.40	-2.29	0.0
58898	-1175.2	-2.6	-40.9	-196.2	924.3	41.6	0.0137	0.0089	0.0089	35.37	54.16	54.16	0.00	-0.47	-2.20	0.0
58899	-896.5	-1.2	-43.6	-206.3	948.4	39.8	0.0137	0.0089	0.0089	42.44	64.99	64.99	0.00	-0.57	-2.12	0.0
58900	-591.1	0.8	-46.5	-217.0	967.4	37.6	0.0137	0.0089	0.0089	51.25	78.47	78.47	0.00	-0.69	-2.05	0.0
58901	-268.6	3.3	-49.7	-227.6	979.5	35.3	0.0137	0.0089	0.0089	61.79	94.62	94.62	0.00	-0.83	-2.02	0.0
58902	62.5	6.2	-53.0	-237.4	981.8	35.6	0.0137	0.0089	0.0089	73.85	113.09	113.09	0.00	-0.99	-2.02	0.0
58903	395.5	9.5	-56.6	-245.1	969.9	41.5	0.0137	0.0089	0.0089	86.91	133.07	133.07	0.00	-1.16	-2.06	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
58904	725.7	12.5	-62.4	-248.9	934.8	52.3	0.0137	0.0089	0.0089	100.11	153.30	153.30	0.00	-1.34	-2.10	0.0
58905	1046.2	15.5	-74.0	-246.7	862.6	65.8	0.0137	0.0089	0.0089	112.35	172.04	172.04	0.00	-1.49	-2.13	0.0
58906	1341.5	28.3	-95.4	-239.2	747.8	78.9	0.0137	0.0089	0.0089	122.91	188.21	188.21	0.00	-1.62	-2.15	0.0
58907	-1207.4	14.7	-76.8	200.1	-353.1	-41.2	0.0137	0.0089	0.0089	9.20	14.09	14.09	0.00	-0.19	-1.46	0.0
58908	-1296.5	16.3	-48.4	200.7	-405.5	34.9	0.0137	0.0089	0.0089	6.22	9.53	9.53	0.00	-0.05	-1.53	0.0
58909	-1395.1	24.2	-47.1	205.9	469.7	25.0	0.0137	0.0089	0.0089	11.89	18.21	18.21	0.00	-0.18	-1.73	0.0
58910	-1494.6	25.7	-53.7	213.3	535.9	15.4	0.0137	0.0089	0.0089	12.84	19.65	19.65	0.00	-0.18	-1.87	0.0
58911	-1590.0	23.9	-59.0	221.8	596.9	-9.6	0.0137	0.0089	0.0089	12.92	19.79	19.79	0.00	-0.16	-2.00	0.0
58912	-1676.9	20.6	-61.5	230.6	652.0	-9.2	0.0137	0.0089	0.0089	14.53	22.25	22.25	0.00	-0.18	-2.13	0.0
58913	-1749.5	16.9	-62.5	239.6	701.2	-10.8	0.0137	0.0089	0.0089	16.03	24.55	24.55	0.00	-0.21	-2.25	0.0
58914	-1801.2	13.1	-62.9	248.7	745.2	-12.3	0.0137	0.0089	0.0089	17.57	26.90	26.90	0.00	-0.23	-2.34	0.0
58915	-1823.6	9.7	-63.1	258.1	785.0	-13.5	0.0137	0.0089	0.0089	19.26	29.50	29.50	0.00	-0.25	-2.41	0.0
58916	-1806.1	6.8	-63.1	267.9	821.7	-14.5	0.0137	0.0089	0.0089	21.30	32.61	32.61	0.00	-0.28	-2.45	0.0
58917	-1736.9	4.4	-62.9	278.2	856.0	-15.4	0.0137	0.0089	0.0089	23.90	36.60	36.60	0.00	-0.32	-2.46	0.0
58918	-1607.5	2.8	-62.7	289.0	888.4	-16.4	0.0137	0.0089	0.0089	27.36	41.90	41.90	0.00	-0.37	-2.42	0.0
58919	-1418.1	1.9	-62.5	300.3	919.0	-17.4	0.0137	0.0089	0.0089	31.96	48.94	48.94	0.00	-0.43	-2.36	0.0
58920	-1177.8	1.8	-62.6	311.7	947.1	-18.3	0.0137	0.0089	0.0089	37.92	58.06	58.06	0.00	-0.51	-2.28	0.0
58921	-899.3	2.4	-63.4	322.7	971.8	-19.0	0.0137	0.0089	0.0089	45.41	69.53	69.53	0.00	-0.61	-2.21	0.0
58922	-594.1	3.6	-65.0	332.6	991.5	-19.3	0.0137	0.0089	0.0089	54.54	83.51	83.51	0.00	-0.74	-2.16	0.0
58923	-271.8	5.3	-67.4	340.6	1003.8	-19.8	0.0137	0.0089	0.0089	65.25	99.92	99.92	0.00	-0.88	-2.13	0.0
58924	59.3	7.4	-70.2	345.5	1006.0	-22.6	0.0137	0.0089	0.0089	77.29	118.35	118.35	0.00	-1.04	-2.13	0.0
58925	392.4	9.2	-72.8	346.1	993.9	-30.1	0.0137	0.0089	0.0089	90.17	138.07	138.07	0.00	-1.21	-2.16	0.0
58926	722.8	10.2	-76.9	340.6	959.0	-42.0	0.0137	0.0089	0.0089	103.13	157.91	157.91	0.00	-1.38	-2.19	0.0
58927	1044.2	9.8	-87.2	326.6	888.5	-55.8	0.0137	0.0089	0.0089	115.13	176.29	176.29	0.00	-1.54	-2.22	0.0
58928	1342.1	24.6	-106.7	304.1	775.2	-67.6	0.0137	0.0089	0.0089	125.44	192.09	192.09	0.00	-1.66	-2.23	0.0
58929	-1013.9	83.1	-10.4	-228.4	-77.1	-46.6	0.0346	0.0194	0.0089	3.91	6.98	15.15	0.00	-0.15	-1.20	0.0
58930	-1164.7	54.9	-8.2	-228.2	-87.2	-40.2	0.0346	0.0194	0.0089	2.94	5.24	11.39	0.00	-0.11	-1.31	0.0
58931	-1327.9	27.3	-8.9	-222.5	-89.6	-36.5	0.0346	0.0194	0.0089	2.01	3.58	7.78	0.00	-0.08	-1.44	0.0
58932	-1488.0	2.4	-10.2	-212.2	88.8	-35.0	0.0346	0.0194	0.0089	1.84	3.28	7.12	0.00	-0.10	-1.59	0.0
58933	-1635.2	-18.8	-10.4	-198.6	103.2	-34.9	0.0346	0.0194	0.0089	1.37	2.45	5.33	0.00	-0.09	-1.71	0.0
58934	-1763.3	-36.0	-10.1	-183.4	115.1	-35.5	0.0346	0.0194	0.0089	1.09	1.94	4.22	0.00	-0.10	-1.83	0.0
58935	-1867.2	-49.3	-9.8	-167.8	124.9	-36.0	0.0346	0.0194	0.0089	0.92	1.64	3.56	0.00	-0.10	-1.92	0.0
58936	-1940.7	-58.9	-9.6	157.5	133.2	-36.4	0.0346	0.0194	0.0089	0.32	0.57	1.23	0.00	-0.07	-1.97	0.0
58937	-1975.6	-65.0	-9.5	157.6	140.5	-36.6	0.0346	0.0194	0.0089	0.31	0.55	1.19	0.00	-0.07	-2.01	0.0
58938	-1960.1	-67.7	-9.4	159.8	147.2	-36.6	0.0346	0.0194	0.0089	0.31	0.56	1.22	0.00	-0.07	-2.00	0.0
58939	-1880.5	-66.6	-9.3	164.4	153.6	-36.6	0.0346	0.0194	0.0089	0.33	0.60	1.30	0.00	-0.07	-1.92	0.0
58940	-1726.8	-61.6	-9.2	171.4	159.8	-36.5	0.0346	0.0194	0.0089	0.37	0.66	1.44	0.00	-0.06	-1.77	0.0
58941	-1499.0	-52.5	-9.1	180.9	165.9	-36.3	0.0346	0.0194	0.0089	0.43	0.77	1.67	0.00	-0.05	-1.55	0.0
58942	-1207.6	-39.5	-9.1	192.4	171.9	-36.1	0.0346	0.0194	0.0089	0.52	0.93	2.02	0.00	-0.03	-1.28	0.0
58943	-866.9	-22.5	-9.2	205.4	177.6	-35.8	0.0346	0.0194	0.0089	0.87	1.55	3.37	0.00	-0.01	-0.98	0.0
58944	-489.5	-1.6	-9.5	219.3	182.8	-35.6	0.0346	0.0194	0.0089	2.89	5.15	11.18	0.00	-0.07	-0.73	0.0
58945	-85.4	23.7	-10.0	233.2	187.1	-35.4	0.0346	0.0194	0.0089	7.14	12.74	27.67	0.00	-0.21	-0.60	0.0
58946	336.9	53.7	-10.8	245.9	189.8	-35.8	0.0346	0.0194	0.0089	15.06	26.86	58.35	0.00	-0.47	-0.72	0.0
58947	768.5	88.8	-11.2	255.9	189.6	-37.5	0.0346	0.0194	0.0089	25.58	45.64	99.13	0.00	-0.81	-1.00	0.0
58948	1197.7	129.2	-10.8	260.6	183.7	-41.2	0.0346	0.0194	0.0089	36.97	65.96	143.27	0.00	-1.17	-1.36	0.0
58949	1607.3	174.7	-10.5	257.0	168.3	-46.2	0.0346	0.0194	0.0089	48.13	85.88	186.54	0.00	-1.51	-1.72	0.0
58950	1975.3	225.0	-10.4	242.9	144.0	-48.6	0.0346	0.0194	0.0089	58.25	103.94	225.77	0.00	-1.81	-2.06	0.0
58951	-1036.5	35.6	3.1	-241.5	-38.7	-39.3	0.0346	0.0194	0.0089	2.81	5.02	10.89	0.00	-0.10	-1.19	0.0
58952	-1179.0	11.8	1.6	-237.1	-43.4	-31.0	0.0346	0.0194	0.0089	1.88	3.36	7.30	0.00	-0.07	-1.29	0.0
58953	-1334.9	-12.2	0.6	-227.2	-43.8	-24.8	0.0346	0.0194	0.0089	1.01	1.79	3.90	0.00	-0.04	-1.41	0.0
58954	-1489.9	-34.9	-0.3	-212.5	-41.2	-21.1	0.0346	0.0194	0.0089	0.39	0.70	1.52	0.00	-0.03	-1.54	0.0
58955	-1633.8	-54.9	0.3	-194.6	-37.3	-21.0	0.0346	0.0194	0.0089	0.23	0.41	0.89	0.00	-0.05	-1.67	0.0
58956	-1759.9	-71.5	0.7	-175.0	43.0	-22.3	0.0346	0.0194	0.0089	0.36	0.64	1.38	0.00	-0.08	-1.79	0.0
58957	-1862.6	-84.2	1.0	-155.2	47.8	-23.5	0.0346	0.0194	0.0089	0.33	0.58	1.27	0.00	-0.09	-1.89	0.0
58958	-1935.5	-93.0	1.1	-136.3	51.4	-24.3	0.0346	0.0194	0.0089	0.31	0.55	1.20	0.00	-0.10	-1.96	0.0
58959	-1970.0	-98.2	1.2	-119.2	54.5	-24.7	0.0346	0.0194	0.0089	0.30	0.54	1.16	0.00	-0.11	-1.99	0.0
58960	-1954.4	-99.9	1.2	-105.3	57.3	-24.8	0.0346	0.0194	0.0089	0.30	0.53	1.15	0.00	-0.11	-1.97	0.0
58961	-1875.0	-98.1	1.2	-95.8	60.0	-24.8	0.0346	0.0194	0.0089	0.31	0.54	1.18	0.00	-0.11	-1.89	0.0
58962	-1721.3	-92.9	1.2	-91.8	62.7	-24.7	0.0346	0.0194	0.0089	0.33	0.58	1.27	0.00	-0.11	-1.74	0.0
58963	-1493.6	-84.1	1.1	-93.3	65.6	-24.4	0.0346	0.0194	0.0089	0.37	0.66	1.44	0.00	-0.10	-1.52	0.0
58964	-1202.5	-71.6	1.1	-99.4	68.6	-24.1	0.0346	0.0194	0.0089	0.46	0.82	1.79	0.00	-0.09	-1.23	0.0
58965	-862.4	-55.3	1.0	-108.9	71.8	-23.5	0.0346	0.0194	0.0089	0.66	1.18	2.57	0.00	-0.08	-0.91	0.0
58966	-486.2	-35.0	0.9	123.0	75.0	-22.6	0.0346	0.0194	0.0089	0.38	0.68	1.47	0.00	-0.02	-0.54	0.0
58967	-83.9	-10.4	0.7	141.6	78.1	-21.4	0.0346	0.0194	0.0089	3.17	5.65	12.27	0.00	-0.09	-0.33	0.0
58968	335.5	18.6	0.4	159.4	80.4	-20.2	0.0346	0.0194	0.0089	11.92	21.26	46.18	0.00	-0.39	-0.49	0.0
58969	762.5	51.9	0.1	175.1	81.0	-20.8	0.0346	0.0194	0.0089	23.39	41.74	90.66	0.00	-0.77	-0.85	0.0
58970	1184.7	89.6	1.2	186.6	78.2	-24.8	0.0346	0.0194	0.0089	35.23	62.85	136.53	0.00	-1.14	-1.24	0.0
58971	1585.0	133.5	2.8	191.9	70.5	-30.7	0.0346	0.0194	0.0089	46.56	83.08	180.47	0.00	-1.49	-1.63	0.0
58972	1944.4	189.1	5.0	-205.2	61.2	-35.7	0.0346	0.0194	0.0089	56.89	101.50	220.47	0.00	-1.80	-1.97	0.0
58973	-1038.4	32.4	4.4	-261.7	-36.8	30.4	0.0346	0.0194	0.0089	3.09	5.51	11.98	0.00	-0.12	-1.21	0.0
58974	-1180.5	8.8	2.8	-259.9	-41.3	23.3	0.0346	0.0194	0.0089	2.21	3.94	8.57	0.00	-0.09	-1.31	0.0
58975	-1335.8	-14.8	1.5	-254.8	-41.7	18.5	0.0346	0.0194	0.0089	1.37	2.44	5.31	0.00	-0.06	-1.43	0.0
58976	-1490.1	-37.2	0.4	-246.6	-39.1	16.2	0.0346	0.0194	0.0089	0.72	1.28	2.78	0.00	-0.04	-1.56	0.0
58977	-1633.6	-56.8	0.8	-236.2	38.6	17.1	0.0346	0.0194	0.0089	0.18	0.32	0.70	0.00	-0.03	-1.68	0.0
58978	-1759.3	-73.1	1.1	-224.8	44.8	19.2	0.0346	0.0194	0.0089	0.17	0.30	0.66	0.00	-0.05	-1.80	0.0
58979	-1861.7	-85.5	1.3	-213.4	49.5	21.0	0.0346	0.0194	0.0089	0.18	0.32	0.69	0.00	-0.07	-1.89	0.0
58980	-1934.4	-94.2	1.4	-203.1	53.1	22.1	0.0346	0.0194	0.0089	0.18	0.33	0.71	0.00	-0.08	-1.96	0.0
58981	-1968.7	-99.2	1.5	-194.7	56.1	22.8	0.0346	0.0194	0.0089	0.19	0.34	0.73	0.00	-0.09	-2.00	0.0
58982	-1953.1	-100.8	1.5	-189.5	58.9	23.1	0.0346	0.0194	0.0089	0.19	0.34	0.74	0.00	-0.09	-1.98	0.0
58983	-1873.5	-98.9	1.5	-188.6	61.5	23.3	0.0346	0.0194	0.0089	0.20	0.35	0.77	0.00	-0.09	-1.90	0.0
58984	-1719.7	-93.5	1.4	-193.0	64.3	23.3	0.0346	0.0194	0.0089	0.20	0.37	0.79	0.00	-0.08	-1.75	0.0
58985	-1492.0	-84.7	1.4	-202.7	67.1	23.2	0.0346	0.0194	0.0089	0.22	0.38	0.84	0.00	-0.07	-1.53	0.0
58986	-1201.0	-72.1	1.3	-216.7	70.1	23.0	0.0346	0.0194	0.0089	0.23	0.41	0.90	0.00	-0.04	-1.25	0.0
58987	-860.9	-55.7	1.2	-233.6	73.3	22.6	0.0346	0.0194	0.0089	0.29	0.52	1.13	0.00	-0.01	-0.94	0.0
58988	-484.7	-35.2	1.1	-252.1	76.5	21.9	0.0346	0.0194	0.0089	2.30	4.10	8.91	0.00	-0.07	-0.69	0.0
58989	-82.5	-10.5	0.8	-271.0	79.6	20.8	0.0346	0.0194	0.0089	6.73	12.00	26.07	0.00	-0.22	-0.57	0.0
58990	336.9	18.6	0.5	-289.3	82.0	19.8	0.0346	0.0194	0.0089	14.87	26.53	57.64	0.00	-0.50	-0.69	0.0
58991	763.8	52.0	0.2	-305.3	82.5	20.6	0.0346	0.0194	0.0089	25.48	45.46	98.75	0.00	-0.86	-0.97	0.0
58992	1186.0	89.8	1.3	-317.2	79.7	24.8	0.0346	0.0194	0.0089	36.82	65.69	142.69	0.00	-1.23	-1.32	0.0
58993	1586.3	133.8	2.8	-323.0	72.0	30.8	0.0346	0.0194	0.0089	47.85	85.38	185.47	0.00	-1.57	-1.68	0.0
58994	1945.6	189.6	4.9	-321.3	62.7	35.9	0.0346	0.0194	0.0089	57.87	103.25	224.27	0.00	-1.86	-2.02	0.0
58995	-1019.5	72.2	-5.6	-276.9	-72.9	43.5	0.0346	0.0194	0.0089	4.62	8.25	17.91	0.00	-0.18	-1.25	0.0
58996	-1169.0	45.1	-4.2	-281.7	-82.3	37.7	0.0346	0.0194	0.0089	3.76	6.70	14.56	0.00	-0.15	-1.37	0.0
58997	-1330.4	18.9	-5.7	-283.8	-84.4	34.5	0.0346	0.0194	0.0089	2.92	5.20	11.30	0.00	-0.13	-1.49	0.0
58998	-1488.8	-4.6	-7.7	-283.4	93.8	33.4	0.0346	0.0194	0.0089	1.51	2.70	5.86	0.00	-0.06	-1.60	0.0
58999	-1634.6	-24.6	-8.6	-281.6	108.0	33.8	0.0346	0.0194	0.0089	0.88	1.57	3.41	0.00	-0.04	-1.72	0.0
59000	-1761.6	-40.8	-8.6	-279.3	119.6	34.5	0.0346	0.0194	0.0089	0.49	0.88	1.91	0.00	-0.03	-1.83	0.0
59001	-1864.6	-53.3	-8.5	-277.4	129.2	35.2	0.0346	0.0194	0.0089	0.33	0.58	1.27	0.00	-0.03	-1.93	0.0
59002	-1937.4	-62.4	-8.5	-276.5	137.4	35.7	0.0346	0.0194	0.0089	0.27	0.48	1.04	0.00	-0.04	-2.00	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
59003	-1971.8	-68.1	-8.5	-277.2	144.6	36.0	0.0346	0.0194	0.0089	0.25	0.44	0.96	0.00	-0.04	-2.03	0.0
59004	-1955.9	-70.4	-8.5	-279.9	151.2	36.2	0.0346	0.0194	0.0089	0.25	0.44	0.96	0.00	-0.04	-2.02	0.0
59005	-1876.1	-69.0	-8.5	-284.9	157.6	36.2	0.0346	0.0194	0.0089	0.26	0.47	1.02	0.00	-0.04	-1.94	0.0
59006	-1722.2	-63.7	-8.4	-292.3	163.7	36.2	0.0346	0.0194	0.0089	0.29	0.52	1.13	0.00	-0.03	-1.80	0.0
59007	-1494.3	-54.3	-8.4	-302.2	169.8	36.1	0.0346	0.0194	0.0089	0.33	0.60	1.29	0.00	-0.01	-1.59	0.0
59008	-1203.0	-40.9	-8.4	-314.1	175.7	36.0	0.0346	0.0194	0.0089	1.19	2.12	4.61	0.00	-0.03	-1.35	0.0
59009	-862.3	-23.7	-8.5	-327.6	181.4	35.8	0.0346	0.0194	0.0089	2.82	5.03	10.92	0.00	-0.08	-1.11	0.0
59010	-485.0	-2.5	-8.9	-341.9	186.6	35.6	0.0346	0.0194	0.0089	5.56	9.93	21.57	0.00	-0.17	-0.90	0.0
59011	-81.1	23.1	-9.5	-356.1	190.9	35.6	0.0346	0.0194	0.0089	10.39	18.54	40.27	0.00	-0.33	-0.81	0.0
59012	341.0	53.5	-10.3	-369.3	193.6	36.1	0.0346	0.0194	0.0089	18.06	32.21	69.98	0.00	-0.59	-0.90	0.0
59013	772.5	89.0	-10.8	-379.7	193.4	37.8	0.0346	0.0194	0.0089	27.96	49.89	108.38	0.00	-0.91	-1.14	0.0
59014	1201.5	129.8	-10.5	-384.9	187.4	41.6	0.0346	0.0194	0.0089	38.86	69.33	150.60	0.00	-1.26	-1.46	0.0
59015	1611.0	175.6	-10.4	-381.9	172.0	46.5	0.0346	0.0194	0.0089	49.67	88.62	192.51	0.00	-1.59	-1.79	0.0
59016	1978.9	226.3	-10.3	-368.6	147.6	48.7	0.0346	0.0194	0.0089	59.54	106.24	230.76	0.00	-1.88	-2.11	0.0
59017	-1237.5	51.5	-25.9	345.5	-176.7	-92.6	0.0137	0.0089	0.0089	15.77	24.16	24.16	0.00	-0.30	-1.56	0.0
59018	-1311.7	52.3	-17.8	355.8	-202.2	-73.5	0.0137	0.0089	0.0089	15.25	23.36	23.36	0.00	-0.27	-1.63	0.0
59019	-1396.0	54.2	-21.5	376.7	213.7	-60.4	0.0137	0.0089	0.0089	10.72	16.41	16.41	0.00	-0.14	-1.67	0.0
59020	-1485.1	55.4	-27.1	403.0	247.8	-54.1	0.0137	0.0089	0.0089	11.31	17.32	17.32	0.00	-0.14	-1.78	0.0
59021	-1573.6	54.4	-28.3	430.9	278.4	-53.9	0.0137	0.0089	0.0089	11.90	18.23	18.23	0.00	-0.15	-1.89	0.0
59022	-1655.9	51.1	-26.4	458.4	305.3	-56.2	0.0137	0.0089	0.0089	12.36	18.92	18.92	0.00	-0.14	-1.99	0.0
59023	-1725.7	46.3	-24.7	484.6	328.8	-58.5	0.0137	0.0089	0.0089	12.75	19.52	19.52	0.00	-0.14	-2.08	0.0
59024	-1775.9	40.9	-23.6	509.6	349.6	-60.2	0.0137	0.0089	0.0089	13.18	20.19	20.19	0.00	-0.15	-2.15	0.0
59025	-1797.8	35.6	-23.1	533.5	368.3	-61.3	0.0137	0.0089	0.0089	13.80	21.13	21.13	0.00	-0.15	-2.20	0.0
59026	-1780.5	30.8	-22.7	556.8	385.5	-61.8	0.0137	0.0089	0.0089	14.74	22.57	22.57	0.00	-0.16	-2.22	0.0
59027	-1711.9	26.7	-22.3	579.6	401.7	-62.0	0.0137	0.0089	0.0089	16.20	24.81	24.81	0.00	-0.18	-2.19	0.0
59028	-1583.5	23.6	-21.9	602.2	417.2	-62.0	0.0137	0.0089	0.0089	18.44	28.24	28.24	0.00	-0.21	-2.13	0.0
59029	-1395.4	21.6	-21.6	624.2	432.0	-61.8	0.0137	0.0089	0.0089	21.73	33.27	33.27	0.00	-0.25	-2.03	0.0
59030	-1157.2	20.5	-21.5	645.4	445.8	-61.4	0.0137	0.0089	0.0089	26.34	40.34	40.34	0.00	-0.32	-1.92	0.0
59031	-881.8	20.3	-22.0	664.6	458.2	-60.7	0.0137	0.0089	0.0089	32.55	49.84	49.84	0.00	-0.40	-1.82	0.0
59032	-581.2	20.8	-23.4	680.8	468.6	-59.6	0.0137	0.0089	0.0089	40.58	62.14	62.14	0.00	-0.51	-1.74	0.0
59033	-265.3	21.8	-26.1	692.1	475.7	-58.5	0.0137	0.0089	0.0089	50.55	77.40	77.40	0.00	-0.65	-1.70	0.0
59034	57.5	22.9	-29.7	696.3	478.1	-58.0	0.0137	0.0089	0.0089	62.28	95.36	95.36	0.00	-0.81	-1.69	0.0
59035	380.1	24.4	-30.8	690.8	473.3	-60.9	0.0137	0.0089	0.0089	75.31	115.32	115.32	0.00	-0.99	-1.73	0.0
59036	697.0	27.7	-27.9	672.1	457.0	-70.0	0.0137	0.0089	0.0089	88.96	136.22	136.22	0.00	-1.16	-1.79	0.0
59037	1002.7	36.8	-25.9	636.7	423.6	-84.2	0.0137	0.0089	0.0089	102.54	157.02	157.02	0.00	-1.33	-1.87	0.0
59038	1290.1	58.8	-25.9	582.9	368.4	-95.0	0.0137	0.0089	0.0089	115.62	177.04	177.04	0.00	-1.49	-1.94	0.0
59039	-1258.5	113.0	15.3	-228.0	-27.4	-23.5	0.0137	0.0089	0.0089	11.15	17.07	17.07	0.00	-0.14	-1.45	0.0
59040	-1318.7	91.8	11.6	-224.3	-30.8	-18.6	0.0137	0.0089	0.0089	9.37	14.35	14.35	0.00	-0.12	-1.48	0.0
59041	-1390.7	78.9	9.1	-215.3	-30.3	-15.2	0.0137	0.0089	0.0089	8.11	12.41	12.41	0.00	-0.10	-1.53	0.0
59042	-1470.5	73.8	7.6	-201.6	-27.7	-13.3	0.0137	0.0089	0.0089	7.36	11.26	11.26	0.00	-0.09	-1.60	0.0
59043	-1552.7	70.2	7.0	-184.7	-24.2	-13.6	0.0137	0.0089	0.0089	6.75	10.33	10.33	0.00	-0.09	-1.67	0.0
59044	-1630.8	65.9	7.1	-166.1	22.5	-14.6	0.0137	0.0089	0.0089	6.25	9.58	9.58	0.00	-0.08	-1.73	0.0
59045	-1698.2	60.8	7.3	-147.3	25.8	-15.4	0.0137	0.0089	0.0089	5.66	8.66	8.66	0.00	-0.07	-1.79	0.0
59046	-1747.2	55.2	7.5	-129.4	28.1	-15.8	0.0137	0.0089	0.0089	5.09	7.79	7.79	0.00	-0.07	-1.83	0.0
59047	-1768.9	49.6	7.6	-113.2	30.0	-16.0	0.0137	0.0089	0.0089	4.57	6.99	6.99	0.00	-0.06	-1.84	0.0
59048	-1752.0	44.3	7.7	110.8	31.6	-16.1	0.0137	0.0089	0.0089	4.04	6.19	6.19	0.00	-0.05	-1.81	0.0
59049	-1684.1	39.9	7.7	112.5	33.3	-16.1	0.0137	0.0089	0.0089	3.78	5.78	5.78	0.00	-0.05	-1.74	0.0
59050	-1556.1	36.9	7.6	118.1	35.0	-16.0	0.0137	0.0089	0.0089	3.65	5.59	5.59	0.00	-0.05	-1.62	0.0
59051	-1368.6	35.6	7.5	127.5	36.9	-15.9	0.0137	0.0089	0.0089	3.71	5.69	5.69	0.00	-0.05	-1.43	0.0
59052	-1131.5	35.6	7.4	140.2	39.1	-15.7	0.0137	0.0089	0.0089	4.01	6.14	6.14	0.00	-0.05	-1.20	0.0
59053	-858.2	36.7	7.3	155.1	41.5	-15.4	0.0137	0.0089	0.0089	4.68	7.17	7.17	0.00	-0.06	-0.95	0.0
59054	-561.1	38.9	7.1	171.3	44.2	-14.7	0.0137	0.0089	0.0089	6.17	9.45	9.45	0.00	-0.07	-0.69	0.0
59055	-250.6	42.3	7.1	187.5	46.9	-13.8	0.0137	0.0089	0.0089	9.82	15.03	15.03	0.00	-0.12	-0.48	0.0
59056	64.9	47.4	7.3	202.5	49.2	-12.7	0.0137	0.0089	0.0089	19.12	29.28	29.28	0.00	-0.25	-0.42	0.0
59057	377.9	55.1	8.3	214.9	50.1	-12.3	0.0137	0.0089	0.0089	35.70	54.66	54.66	0.00	-0.47	-0.56	0.0
59058	682.5	68.4	10.4	223.4	48.3	-14.1	0.0137	0.0089	0.0089	55.36	84.77	84.77	0.00	-0.73	-0.78	0.0
59059	974.5	93.4	13.1	227.4	43.2	-16.7	0.0137	0.0089	0.0089	75.36	115.39	115.39	0.00	-0.98	-1.04	0.0
59060	1248.4	130.8	18.1	226.4	36.0	-18.8	0.0137	0.0089	0.0089	94.52	144.73	144.73	0.00	-1.20	-1.28	0.0
59061	-1256.1	118.0	13.5	-272.1	-27.1	17.0	0.0137	0.0089	0.0089	12.64	19.35	19.35	0.00	-0.16	-1.48	0.0
59062	-1316.7	96.3	10.2	-260.9	-30.4	12.9	0.0137	0.0089	0.0089	10.62	16.26	16.26	0.00	-0.14	-1.51	0.0
59063	-1389.1	82.6	8.0	-251.4	-29.9	10.5	0.0137	0.0089	0.0089	9.24	14.14	14.14	0.00	-0.12	-1.56	0.0
59064	-1469.0	76.7	6.7	-242.9	-27.3	9.6	0.0137	0.0089	0.0089	8.46	12.95	12.95	0.00	-0.11	-1.62	0.0
59065	-1551.2	72.6	6.4	-234.7	-24.0	10.6	0.0137	0.0089	0.0089	7.87	12.05	12.05	0.00	-0.10	-1.69	0.0
59066	-1629.3	67.8	6.5	-226.8	22.7	12.2	0.0137	0.0089	0.0089	7.20	11.02	11.02	0.00	-0.09	-1.76	0.0
59067	-1696.7	62.4	6.9	-219.5	25.9	13.4	0.0137	0.0089	0.0089	6.62	10.14	10.14	0.00	-0.08	-1.81	0.0
59068	-1745.6	56.7	7.1	-213.4	28.2	14.2	0.0137	0.0089	0.0089	6.08	9.30	9.30	0.00	-0.08	-1.85	0.0
59069	-1767.2	50.9	7.3	-209.2	30.1	14.6	0.0137	0.0089	0.0089	5.59	8.55	8.55	0.00	-0.07	-1.87	0.0
59070	-1750.3	45.4	7.3	-207.8	31.7	14.9	0.0137	0.0089	0.0089	5.20	7.96	7.96	0.00	-0.07	-1.85	0.0
59071	-1682.3	40.9	7.3	-209.8	33.3	15.0	0.0137	0.0089	0.0089	4.98	7.62	7.62	0.00	-0.06	-1.78	0.0
59072	-1554.4	37.9	7.3	-215.6	35.1	15.1	0.0137	0.0089	0.0089	4.99	7.65	7.65	0.00	-0.06	-1.65	0.0
59073	-1366.9	36.4	7.2	-225.3	37.0	15.1	0.0137	0.0089	0.0089	5.34	8.17	8.17	0.00	-0.07	-1.48	0.0
59074	-1129.7	36.3	7.1	-238.2	39.1	15.0	0.0137	0.0089	0.0089	6.12	9.37	9.37	0.00	-0.08	-1.26	0.0
59075	-856.5	37.3	7.0	-253.3	41.6	14.8	0.0137	0.0089	0.0089	7.62	11.67	11.67	0.00	-0.10	-1.03	0.0
59076	-559.5	39.3	6.9	-269.6	44.2	14.3	0.0137	0.0089	0.0089	10.44	15.99	15.99	0.00	-0.13	-0.81	0.0
59077	-248.9	42.6	6.8	-285.8	46.9	13.5	0.0137	0.0089	0.0089	15.96	24.44	24.44	0.00	-0.21	-0.65	0.0
59078	66.6	47.5	7.1	-300.5	49.3	12.5	0.0137	0.0089	0.0089	26.29	40.25	40.25	0.00	-0.35	-0.61	0.0
59079	379.6	54.9	8.1	-312.3	50.2	12.4	0.0137	0.0089	0.0089	41.78	63.97	63.97	0.00	-0.56	-0.72	0.0
59080	684.5	67.9	10.2	-319.8	48.3	14.2	0.0137	0.0089	0.0089	60.09	92.02	92.02	0.00	-0.80	-0.90	0.0
59081	976.8	92.5	12.9	-322.1	43.2	16.9	0.0137	0.0089	0.0089	79.14	121.18	121.18	0.00	-1.05	-1.12	0.0
59082	1251.2	129.4	18.0	-318.5	36.0	19.1	0.0137	0.0089	0.0089	97.64	149.51	149.51	0.00	-1.27	-1.34	0.0
59083	-1227.7	68.2	-7.7	-452.0	165.3	79.0	0.0137	0.0089	0.0089	15.61	23.90	23.90	0.00	-0.20	-1.61	0.0
59084	-1303.3	66.8	-2.3	-462.0	195.9	62.1	0.0137	0.0089	0.0089	15.20	23.28	23.28	0.00	-0.18	-1.68	0.0
59085	-1388.7	65.9	-9.3	-482.4	231.2	51.5	0.0137	0.0089	0.0089	15.56	23.83	23.83	0.00	-0.19	-1.78	0.0
59086	-1478.6	64.5	-17.8	-508.0	264.9	47.3	0.0137	0.0089	0.0089	16.18	24.78	24.78	0.00	-0.20	-1.90	0.0
59087	-1567.6	61.5	-21.2	-535.2	295.0	48.7	0.0137	0.0089	0.0089	16.71	25.59	25.59	0.00	-0.21	-2.01	0.0
59088	-1650.1	56.9	-20.6	-562.2	321.4	52.0	0.0137	0.0089	0.0089	17.12	26.21	26.21	0.00	-0.21	-2.11	0.0
59089	-1720.0	51.2	-19.8	-588.2	344.5	55.0	0.0137	0.0089	0.0089	17.51	26.81	26.81	0.00	-0.21	-2.20	0.0
59090	-1770.2	45.3	-19.4	-613.1	365.0	57.2	0.0137	0.0089	0.0089	17.99	27.55	27.55	0.00	-0.21	-2.27	0.0
59091	-1792.0	39.5	-19.2	-637.0	383.5	58.6	0.0137	0.0089	0.0089	18.70	28.63	28.63	0.00	-0.22	-2.32	0.0
59092	-1774.6	34.3	-19.1	-660.4	400.6	59.4	0.0137	0.0089	0.0089	19.78	30.29	30.29	0.00	-0.23	-2.34	0.0
59093	-1706.0	29.9	-18.9	-683.4	416.7	59.8	0.0137	0.0089	0.0089	21.46	32.86	32.86	0.00	-0.25	-2.32	0.0
59094	-1577.5	26.5	-18.7	-706.2	432.1	60.0	0.0137	0.0089	0.0089	23.99	36.74	36.74	0.00	-0.29	-2.27	0.0
59095	-1389.5	24.1	-18.6	-728.5	446.8	60.0	0.0137	0.0089	0.0089	27.66	42.35	42.35	0.00	-0.34	-2.18	0.0
59096	-1151.4	22.7	-18.7	-749.8	460.5	59.8	0.0137	0.0089	0.0089	32.70	50.08	50.08	0.00	-0.41	-2.08	0.0
59097	-876.1	22.1	-19.4	-769.2	472.9	59.3	0.0137	0.0089	0.0089	39.35	60.25	60.25	0.00	-0.50	-1.99	0.0
59098	-575.6	22.2	-21.0	-785.5	483.2	58.4	0.0137	0.0089	0.0089	47.76	73.13	73.13	0.00	-0.61	-1.92	0.0
59099	-259.8	22.6	-23.8	-796.7	490.3	57.5	0.0137	0.0089	0.0089	57.94	88.72	88.72	0.00	-0.75	-1.89	0.0
59100	63.0	23.1	-27.6	-800.8	492.6	57.3	0.0137	0.0089	0.0089	69.68	106.69	106.69	0.00	-0.92	-1.89	0.0
59101	385.7	23.8	-29.1	-794.8	487.8	60.4	0.0137	0.0089	0.0089	82.48	126.30	126.30	0.00	-1.09	-1.92	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
59102	703.1	26.1	-26.7	-775.2	471.4	69.9	0.0137	0.0089	0.0089	95.70	146.55	146.55	0.00	-1.26	-1.97	0.0
59103	1009.6	34.1	-25.2	-738.2	437.7	84.4	0.0137	0.0089	0.0089	108.73	166.50	166.50	0.00	-1.42	-2.03	0.0
59104	1298.3	55.0	-25.6	-682.1	382.4	95.3	0.0137	0.0089	0.0089	121.18	185.56	185.56	0.00	-1.57	-2.07	0.0
59105	-1000.6	107.4	-18.9	-259.2	-99.0	29.3	0.0346	0.0194	0.0089	5.15	9.18	19.94	0.00	-0.20	-1.24	0.0
59106	-1156.4	77.8	-13.4	-256.8	-112.3	23.3	0.0346	0.0194	0.0089	4.12	7.35	15.96	0.00	-0.16	-1.36	0.0
59107	-1323.2	49.8	-13.8	-251.7	-115.8	17.2	0.0346	0.0194	0.0089	3.08	5.50	11.95	0.00	-0.12	-1.48	0.0
59108	-1485.5	25.2	-15.7	-244.6	137.5	11.8	0.0346	0.0194	0.0089	1.88	3.36	7.30	0.00	-0.07	-1.60	0.0
59109	-1633.8	4.7	-17.1	-236.1	156.1	9.7	0.0346	0.0194	0.0089	1.20	2.14	4.64	0.00	-0.05	-1.72	0.0
59110	-1762.3	-11.9	-18.0	-227.2	171.7	11.6	0.0346	0.0194	0.0089	0.62	1.11	2.42	0.00	-0.03	-1.83	0.0
59111	-1866.2	-24.9	-18.5	-218.7	185.1	13.3	0.0346	0.0194	0.0089	0.25	0.44	0.95	0.00	-0.02	-1.92	0.0
59112	-1939.5	-34.7	-18.8	-211.3	196.7	14.3	0.0346	0.0194	0.0089	0.12	0.22	0.48	0.00	-0.02	-1.99	0.0
59113	-1974.1	-41.4	-18.9	-205.8	207.1	14.9	0.0346	0.0194	0.0089	0.13	0.23	0.51	0.00	-0.03	-2.02	0.0
59114	-1958.1	-44.6	-19.0	-202.9	216.6	15.3	0.0346	0.0194	0.0089	0.19	0.34	0.73	0.00	-0.03	-2.01	0.0
59115	-1878.1	-43.9	-19.0	-203.3	225.5	15.5	0.0346	0.0194	0.0089	0.30	0.53	1.16	0.00	-0.03	-1.94	0.0
59116	-1723.8	-38.6	-19.0	-207.4	234.2	15.7	0.0346	0.0194	0.0089	0.50	0.89	1.94	0.00	-0.04	-1.80	0.0
59117	-1495.4	-28.4	-18.9	-215.2	242.6	15.7	0.0346	0.0194	0.0089	0.90	1.61	3.50	0.00	-0.04	-1.60	0.0
59118	-1203.2	-13.9	-19.0	-226.1	250.6	15.6	0.0346	0.0194	0.0089	1.68	2.99	6.50	0.00	-0.06	-1.35	0.0
59119	-861.4	4.3	-19.1	-239.2	258.1	15.2	0.0346	0.0194	0.0089	3.05	5.45	11.84	0.00	-0.10	-1.10	0.0
59120	-482.6	26.5	-19.3	-253.6	264.6	14.2	0.0346	0.0194	0.0089	5.51	9.83	21.35	0.00	-0.17	-0.87	0.0
59121	-76.6	52.9	-19.7	-268.3	269.8	12.6	0.0346	0.0194	0.0089	10.06	17.95	38.99	0.00	-0.32	-0.77	0.0
59122	348.3	84.4	-20.2	-282.2	272.8	10.8	0.0346	0.0194	0.0089	17.67	31.53	68.49	0.00	-0.57	-0.86	0.0
59123	783.9	121.6	-21.0	-294.3	271.9	13.3	0.0346	0.0194	0.0089	27.72	49.46	107.43	0.00	-0.88	-1.11	0.0
59124	1218.9	164.8	-22.3	-303.1	263.5	19.5	0.0346	0.0194	0.0089	38.85	69.32	150.58	0.00	-1.22	-1.45	0.0
59125	1635.4	212.0	-24.9	-307.1	242.2	26.3	0.0346	0.0194	0.0089	49.94	89.10	193.54	0.00	-1.56	-1.81	0.0
59126	2009.7	259.0	-28.5	-304.8	206.3	31.5	0.0346	0.0194	0.0089	60.06	107.15	232.75	0.00	-1.86	-2.14	0.0
59127	-993.1	104.4	-14.4	-242.1	-97.7	-41.1	0.0346	0.0194	0.0089	4.56	8.13	17.67	0.00	-0.16	-1.21	0.0
59128	-1149.8	76.0	-8.8	-234.1	-111.8	-32.6	0.0346	0.0194	0.0089	3.47	6.20	13.47	0.00	-0.12	-1.32	0.0
59129	-1317.8	48.6	-9.2	-222.3	-115.8	-25.4	0.0346	0.0194	0.0089	2.44	4.35	9.44	0.00	-0.08	-1.45	0.0
59130	-1481.5	24.1	-11.1	-207.6	135.5	-20.2	0.0346	0.0194	0.0089	2.09	3.73	8.09	0.00	-0.09	-1.59	0.0
59131	-1631.0	3.8	-12.5	-191.0	154.1	-18.1	0.0346	0.0194	0.0089	1.48	2.64	5.72	0.00	-0.08	-1.72	0.0
59132	-1760.4	-12.4	-13.2	-173.3	169.9	-19.3	0.0346	0.0194	0.0089	1.13	2.02	4.39	0.00	-0.07	-1.83	0.0
59133	-1865.0	-24.8	-13.6	-155.2	183.4	-21.0	0.0346	0.0194	0.0089	0.95	1.70	3.68	0.00	-0.07	-1.93	0.0
59134	-1938.9	-33.9	-14.0	-137.3	195.2	-22.3	0.0346	0.0194	0.0089	0.85	1.52	3.29	0.00	-0.08	-2.00	0.0
59135	-1973.7	-39.6	-14.3	-120.0	205.7	-23.1	0.0346	0.0194	0.0089	0.80	1.43	3.10	0.00	-0.08	-2.03	0.0
59136	-1957.8	-41.9	-14.6	-104.3	215.3	-23.4	0.0346	0.0194	0.0089	0.80	1.42	3.09	0.00	-0.08	-2.01	0.0
59137	-1877.6	-40.3	-15.0	-93.1	224.4	-23.5	0.0346	0.0194	0.0089	0.86	1.53	3.31	0.00	-0.08	-1.94	0.0
59138	-1722.8	-34.5	-15.3	-93.0	233.1	-23.4	0.0346	0.0194	0.0089	1.02	1.82	3.95	0.00	-0.08	-1.79	0.0
59139	-1493.5	-24.4	-15.7	-103.7	241.4	-23.2	0.0346	0.0194	0.0089	1.34	2.39	5.20	0.00	-0.09	-1.58	0.0
59140	-1200.2	-10.3	-16.2	-118.7	249.4	-22.8	0.0346	0.0194	0.0089	1.90	3.39	7.36	0.00	-0.10	-1.33	0.0
59141	-857.2	7.6	-16.8	-135.0	256.8	-22.1	0.0346	0.0194	0.0089	2.87	5.11	11.10	0.00	-0.12	-1.04	0.0
59142	-477.0	29.4	-17.4	-151.6	263.3	-21.2	0.0346	0.0194	0.0089	4.70	8.38	18.21	0.00	-0.17	-0.79	0.0
59143	-69.6	55.4	-18.2	-167.9	268.4	-20.0	0.0346	0.0194	0.0089	8.63	15.39	33.43	0.00	-0.28	-0.65	0.0
59144	356.7	86.3	-19.0	-183.5	271.4	-19.7	0.0346	0.0194	0.0089	16.22	28.94	62.86	0.00	-0.52	-0.74	0.0
59145	793.6	123.1	-19.9	-198.1	270.4	-22.9	0.0346	0.0194	0.0089	26.66	47.58	103.34	0.00	-0.84	-1.03	0.0
59146	1229.7	165.5	-21.2	-211.5	261.6	-29.2	0.0346	0.0194	0.0089	38.16	68.08	147.88	0.00	-1.19	-1.40	0.0
59147	1646.6	211.2	-23.7	-223.3	239.5	-37.0	0.0346	0.0194	0.0089	49.50	88.32	191.84	0.00	-1.54	-1.77	0.0
59148	2019.8	255.8	-27.3	-232.9	202.7	-44.2	0.0346	0.0194	0.0089	59.78	106.67	231.70	0.00	-1.84	-2.12	0.0
59149	-1197.6	18.8	-55.6	-273.1	363.7	53.8	0.0137	0.0089	0.0089	6.55	10.03	10.03	0.00	-0.05	-1.45	0.0
59150	-1288.1	20.0	-31.1	-273.5	426.6	42.4	0.0137	0.0089	0.0089	9.29	14.22	14.22	0.00	-0.08	-1.60	0.0
59151	-1387.5	27.4	-33.9	-278.8	496.5	31.0	0.0137	0.0089	0.0089	11.99	18.37	18.37	0.00	-0.13	-1.76	0.0
59152	-1487.4	28.3	-43.8	-286.3	563.1	21.6	0.0137	0.0089	0.0089	14.08	21.56	21.56	0.00	-0.16	-1.92	0.0
59153	-1583.0	26.1	-51.5	-294.9	623.8	15.9	0.0137	0.0089	0.0089	15.86	24.28	24.28	0.00	-0.19	-2.06	0.0
59154	-1669.7	22.6	-55.5	-303.9	678.4	14.4	0.0137	0.0089	0.0089	17.41	26.66	26.66	0.00	-0.22	-2.20	0.0
59155	-1742.2	18.6	-57.5	-313.1	727.2	15.2	0.0137	0.0089	0.0089	18.85	28.87	28.87	0.00	-0.24	-2.31	0.0
59156	-1793.6	14.7	-58.6	-322.4	770.8	16.3	0.0137	0.0089	0.0089	20.35	31.16	31.16	0.00	-0.26	-2.41	0.0
59157	-1815.8	11.1	-59.2	-332.0	810.3	17.2	0.0137	0.0089	0.0089	22.03	33.74	33.74	0.00	-0.29	-2.48	0.0
59158	-1798.1	8.0	-59.5	-342.0	846.7	18.0	0.0137	0.0089	0.0089	24.09	36.89	36.89	0.00	-0.32	-2.52	0.0
59159	-1728.7	5.5	-59.6	-352.5	880.7	18.8	0.0137	0.0089	0.0089	26.76	40.98	40.98	0.00	-0.36	-2.52	0.0
59160	-1599.2	3.7	-59.6	-363.6	913.0	19.7	0.0137	0.0089	0.0089	30.34	46.45	46.45	0.00	-0.41	-2.49	0.0
59161	-1409.8	2.7	-59.6	-375.0	943.4	20.6	0.0137	0.0089	0.0089	35.09	53.73	53.73	0.00	-0.47	-2.44	0.0
59162	-1169.6	2.3	-59.9	-386.6	971.4	21.5	0.0137	0.0089	0.0089	41.24	63.15	63.15	0.00	-0.56	-2.36	0.0
59163	-891.2	2.7	-60.9	-397.8	996.0	22.1	0.0137	0.0089	0.0089	48.94	74.94	74.94	0.00	-0.66	-2.30	0.0
59164	-586.1	3.6	-62.6	-407.9	1015.5	22.3	0.0137	0.0089	0.0089	58.25	89.20	89.20	0.00	-0.79	-2.25	0.0
59165	-264.0	5.0	-65.3	-415.9	1027.8	22.7	0.0137	0.0089	0.0089	69.09	105.80	105.80	0.00	-0.93	-2.23	0.0
59166	67.2	6.6	-68.4	-420.9	1030.0	25.5	0.0137	0.0089	0.0089	81.18	124.31	124.31	0.00	-1.10	-2.23	0.0
59167	400.5	7.9	-71.3	-421.3	1017.8	32.8	0.0137	0.0089	0.0089	94.03	143.98	143.98	0.00	-1.27	-2.26	0.0
59168	731.6	8.2	-75.9	-415.4	982.9	44.4	0.0137	0.0089	0.0089	106.89	163.67	163.67	0.00	-1.44	-2.29	0.0
59169	1054.2	7.0	-86.6	-400.6	912.2	57.6	0.0137	0.0089	0.0089	118.76	181.85	181.85	0.00	-1.59	-2.31	0.0
59170	1354.1	21.1	-105.7	-376.8	799.1	68.5	0.0137	0.0089	0.0089	128.97	197.49	197.49	0.00	-1.71	-2.31	0.0
59171	-1192.9	19.6	-24.8	-191.6	-330.8	-74.3	0.0137	0.0089	0.0089	5.86	8.97	8.97	0.00	-0.05	-1.39	0.0
59172	-1284.3	23.3	-0.6	-184.2	390.5	-58.5	0.0137	0.0089	0.0089	13.59	20.80	20.80	0.00	-0.22	-1.60	0.0
59173	-1384.5	28.0	-3.0	-172.7	461.7	-45.7	0.0137	0.0089	0.0089	14.23	21.78	21.78	0.00	-0.21	-1.73	0.0
59174	-1484.8	27.2	-12.2	-158.2	529.1	-36.9	0.0137	0.0089	0.0089	14.69	22.50	22.50	0.00	-0.21	-1.87	0.0
59175	-1580.5	24.0	-19.6	-142.4	590.4	-32.9	0.0137	0.0089	0.0089	15.44	23.64	23.64	0.00	-0.21	-2.00	0.0
59176	-1667.2	19.8	-24.3	-126.8	645.5	-33.9	0.0137	0.0089	0.0089	16.51	25.28	25.28	0.00	-0.23	-2.12	0.0
59177	-1739.6	15.4	-27.6	-112.0	694.6	-36.7	0.0137	0.0089	0.0089	17.69	27.09	27.09	0.00	-0.25	-2.23	0.0
59178	-1790.9	10.9	-30.4	100.7	738.2	-39.0	0.0137	0.0089	0.0089	17.41	26.66	26.66	0.00	-0.22	-2.30	0.0
59179	-1812.9	6.4	-32.9	103.6	777.5	-40.4	0.0137	0.0089	0.0089	18.92	28.97	28.97	0.00	-0.25	-2.37	0.0
59180	-1795.1	2.3	-35.2	107.0	813.3	-41.0	0.0137	0.0089	0.0089	20.69	31.68	31.68	0.00	-0.27	-2.40	0.0
59181	-1725.7	-1.2	-37.5	111.4	846.7	-40.9	0.0137	0.0089	0.0089	22.96	35.15	35.15	0.00	-0.31	-2.40	0.0
59182	-1596.0	-3.1	-39.6	117.3	878.2	-40.5	0.0137	0.0089	0.0089	26.01	39.83	39.83	0.00	-0.35	-2.35	0.0
59183	-1406.5	-3.2	-41.9	124.6	907.8	-39.8	0.0137	0.0089	0.0089	30.14	46.16	46.16	0.00	-0.41	-2.28	0.0
59184	-1166.2	-2.5	-44.2	133.4	935.1	-38.6	0.0137	0.0089	0.0089	35.62	54.54	54.54	0.00	-0.48	-2.19	0.0
59185	-887.6	-1.3	-46.9	143.2	959.0	-37.0	0.0137	0.0089	0.0089	42.66	65.33	65.33	0.00	-0.58	-2.11	0.0
59186	-582.3	0.3	-49.9	153.7	978.0	-34.9	0.0137	0.0089	0.0089	51.43	78.75	78.75	0.00	-0.69	-2.05	0.0
59187	-260.0	2.4	-53.1	164.2	990.0	-32.8	0.0137	0.0089	0.0089	61.95	94.85	94.85	0.00	-0.84	-2.02	0.0
59188	71.2	4.9	-56.5	173.9	992.3	-33.2	0.0137	0.0089	0.0089	74.00	113.31	113.31	0.00	-1.00	-2.02	0.0
59189	404.5	7.5	-60.0	181.8	980.5	-39.4	0.0137	0.0089	0.0089	87.09	133.36	133.36	0.00	-1.17	-2.05	0.0
59190	735.4	9.8	-65.6	186.0	945.5	-50.7	0.0137	0.0089	0.0089	100.39	153.72	153.72	0.00	-1.35	-2.09	0.0
59191	1057.4	11.8	-76.6	184.7	873.7	-64.7	0.0137	0.0089	0.0089	112.79	172.71	172.71	0.00	-1.51	-2.13	0.0
59192	1355.2	23.7	-95.9	178.9	760.0	-78.4	0.0137	0.0089	0.0089	123.59	189.25	189.25	0.00	-1.64	-2.15	0.0
59193	-992.2	56.1	0.2	-238.8	-69.8	-54.8	0.0346	0.0194	0.0089	3.49	6.23	13.53	0.00	-0.13	-1.17	0.0
59194	-1145.1	33.5	1.9	-231.3	-80.6	-48.3	0.0346	0.0194	0.0089	2.60	4.64	10.08	0.00	-0.09	-1.29	0.0
59195	-1310.9	10.4	0.9	-218.1	-83.8	-42.4	0.0346	0.0194	0.0089	1.75	3.12	6.78	0.00	-0.07	-1.41	0.0
59196	-1474.0	-10.7	-0.8	-200.5	87.7	-37.9	0.0346	0.0194	0.0089	1.72	3.07	6.67	0.00	-0.10	-1.56	0.0
59197	-1623.8	-28.4	-1.5	-180.2	101.9	-34.9	0.0346	0.0194	0.0089	1.28	2.28	4.95	0.00	-0.09	-1.69	0.0
59198	-1754.1	-42.4	-1.7	-158.6	113.6	-33.0	0.0346	0.0194	0.0089	1.01	1.80	3.90	0.00	-0.09	-1.81	0.0
59199	-1859.6	-52.8	-1.7	-136.8	123.4	-31.7	0.0346	0.0194	0.0089	0.85	1.51	3.28	0.00	-0.09	-1.91	0.0
59200	-1934.4	-59.8	-1.9	-115.7	131.8	-30.9	0.0346	0.0194	0.0089	0.75	1.34	2.91	0.00	-0.10	-1.98	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
59201	-1969.8	-63.8	-2.2	-95.7	139.1	-30.5	0.0346	0.0194	0.0089	0.70	1.24	2.70	0.00	-0.10	-2.01	0.0
59202	-1954.3	-64.8	-2.6	-77.8	145.8	-30.6	0.0346	0.0194	0.0089	0.68	1.22	2.64	0.00	-0.10	-1.99	0.0
59203	-1873.7	-62.6	-3.0	-64.6	152.1	-31.1	0.0346	0.0194	0.0089	0.71	1.27	2.75	0.00	-0.10	-1.91	0.0
59204	-1717.9	-57.3	-3.5	-61.1	158.2	-32.0	0.0346	0.0194	0.0089	0.80	1.43	3.11	0.00	-0.10	-1.76	0.0
59205	-1486.9	-48.8	-4.0	-67.2	164.2	-33.5	0.0346	0.0194	0.0089	0.99	1.77	3.85	0.00	-0.10	-1.54	0.0
59206	-1191.4	-37.0	-4.6	-77.8	170.0	-35.5	0.0346	0.0194	0.0089	1.33	2.37	5.15	0.00	-0.11	-1.27	0.0
59207	-846.1	-21.9	-5.2	-90.2	175.5	-37.9	0.0346	0.0194	0.0089	1.93	3.44	7.47	0.00	-0.12	-0.96	0.0
59208	-463.8	-3.4	-6.0	-103.5	180.5	-40.9	0.0346	0.0194	0.0089	3.14	5.60	12.17	0.00	-0.15	-0.65	0.0
59209	-54.8	19.1	-6.9	-117.3	184.7	-44.5	0.0346	0.0194	0.0089	6.33	11.29	24.53	0.00	-0.25	-0.45	0.0
59210	372.3	45.8	-7.9	-131.4	187.4	-49.0	0.0346	0.0194	0.0089	14.24	25.40	55.17	0.00	-0.49	-0.58	0.0
59211	808.4	77.4	-8.5	-145.8	187.0	-55.1	0.0346	0.0194	0.0089	25.38	45.28	98.35	0.00	-0.83	-0.93	0.0
59212	1241.1	113.4	-8.6	-160.8	180.3	-62.5	0.0346	0.0194	0.0089	37.27	66.49	144.43	0.00	-1.19	-1.34	0.0
59213	1651.7	152.7	-8.8	-176.6	163.4	-69.3	0.0346	0.0194	0.0089	48.78	87.03	189.04	0.00	-1.54	-1.73	0.0
59214	2016.3	194.6	-9.0	-192.7	137.4	-71.0	0.0346	0.0194	0.0089	59.09	105.44	229.03	0.00	-1.86	-2.08	0.0
59215	-987.1	-4.1	4.9	-251.5	-33.9	-39.2	0.0346	0.0194	0.0089	2.04	3.64	7.91	0.00	-0.08	-1.12	0.0
59216	-1136.3	-18.9	3.3	-251.0	-38.9	-33.7	0.0346	0.0194	0.0089	1.41	2.52	5.47	0.00	-0.06	-1.24	0.0
59217	-1299.7	-34.9	2.7	-242.8	-39.6	-27.9	0.0346	0.0194	0.0089	0.79	1.42	3.08	0.00	-0.04	-1.37	0.0
59218	-1462.1	-50.1	2.5	-229.0	-37.2	-22.8	0.0346	0.0194	0.0089	0.39	0.70	1.53	0.00	-0.04	-1.51	0.0
59219	-1612.7	-63.1	2.9	-211.8	34.3	-19.1	0.0346	0.0194	0.0089	0.42	0.76	1.65	0.00	-0.06	-1.66	0.0
59220	-1744.4	-73.1	3.3	-193.5	40.0	17.7	0.0346	0.0194	0.0089	0.21	0.37	0.80	0.00	-0.06	-1.77	0.0
59221	-1851.4	-80.1	3.5	-175.3	44.4	17.2	0.0346	0.0194	0.0089	0.20	0.36	0.78	0.00	-0.07	-1.88	0.0
59222	-1927.5	-84.5	3.6	-158.4	47.7	16.1	0.0346	0.0194	0.0089	0.19	0.34	0.75	0.00	-0.08	-1.95	0.0
59223	-1963.9	-86.5	3.5	-143.6	50.5	14.5	0.0346	0.0194	0.0089	0.18	0.32	0.70	0.00	-0.08	-1.98	0.0
59224	-1948.7	-86.6	3.4	-132.1	53.0	-13.4	0.0346	0.0194	0.0089	0.24	0.42	0.92	0.00	-0.09	-1.97	0.0
59225	-1867.8	-84.9	3.2	-125.6	55.4	-14.3	0.0346	0.0194	0.0089	0.25	0.44	0.97	0.00	-0.09	-1.89	0.0
59226	-1710.4	-81.7	3.0	-125.7	57.9	-16.0	0.0346	0.0194	0.0089	0.29	0.51	1.11	0.00	-0.09	-1.73	0.0
59227	-1476.8	-76.6	2.8	-132.3	60.4	-18.7	0.0346	0.0194	0.0089	0.37	0.65	1.42	0.00	-0.08	-1.50	0.0
59228	-1178.1	-69.6	2.5	-143.4	63.2	-22.0	0.0346	0.0194	0.0089	0.53	0.94	2.04	0.00	-0.08	-1.22	0.0
59229	-829.3	-60.3	2.3	-157.4	66.1	-26.0	0.0346	0.0194	0.0089	0.89	1.58	3.43	0.00	-0.08	-0.90	0.0
59230	-443.7	-48.1	1.9	-172.8	69.2	-30.3	0.0346	0.0194	0.0089	1.87	3.34	7.26	0.00	-0.11	-0.58	0.0
59231	-31.9	-32.5	1.5	-189.0	72.3	-35.0	0.0346	0.0194	0.0089	5.43	9.69	21.04	0.00	-0.21	-0.41	0.0
59232	396.8	-13.4	1.1	-205.4	74.9	-40.4	0.0346	0.0194	0.0089	14.34	25.58	55.56	0.00	-0.51	-0.60	0.0
59233	832.3	9.5	0.8	-221.4	75.8	-46.7	0.0346	0.0194	0.0089	25.87	46.17	100.28	0.00	-0.89	-0.96	0.0
59234	1260.7	35.8	1.2	-236.2	73.1	-53.7	0.0346	0.0194	0.0089	37.82	67.48	146.57	0.00	-1.28	-1.36	0.0
59235	1663.3	66.4	2.4	-248.3	65.2	-59.2	0.0346	0.0194	0.0089	49.21	87.80	190.71	0.00	-1.64	-1.74	0.0
59236	2018.9	105.8	4.7	-254.7	55.6	-60.3	0.0346	0.0194	0.0089	59.31	105.82	229.87	0.00	-1.95	-2.08	0.0
59237	-960.0	-21.7	3.0	-288.1	-35.0	44.8	0.0346	0.0194	0.0089	2.63	4.70	10.21	0.00	-0.12	-1.13	0.0
59238	-1114.4	-32.3	1.7	-311.8	-39.1	39.7	0.0346	0.0194	0.0089	2.34	4.17	9.06	0.00	-0.11	-1.28	0.0
59239	-1282.6	-43.9	0.8	-327.2	-38.6	40.2	0.0346	0.0194	0.0089	2.04	3.65	7.92	0.00	-0.10	-1.44	0.0
59240	-1449.0	-54.5	0.2	-336.6	-35.5	42.9	0.0346	0.0194	0.0089	1.80	3.22	6.99	0.00	-0.10	-1.59	0.0
59241	-1603.0	-62.8	0.0	-342.5	41.7	45.9	0.0346	0.0194	0.0089	1.22	2.17	4.72	0.00	-0.07	-1.72	0.0
59242	-1737.6	-68.4	-0.1	-346.8	47.0	48.3	0.0346	0.0194	0.0089	1.14	2.03	4.40	0.00	-0.08	-1.85	0.0
59243	-1846.9	-71.7	-0.2	-350.6	50.6	49.5	0.0346	0.0194	0.0089	1.08	1.94	4.20	0.00	-0.08	-1.95	0.0
59244	-1924.5	-73.3	-0.3	-354.9	53.4	49.5	0.0346	0.0194	0.0089	1.05	1.86	4.05	0.00	-0.08	-2.03	0.0
59245	-1961.9	-73.8	-0.3	-360.2	55.7	48.5	0.0346	0.0194	0.0089	1.01	1.81	3.92	0.00	-0.08	-2.07	0.0
59246	-1946.9	-73.5	-0.2	-366.7	57.8	47.0	0.0346	0.0194	0.0089	0.99	1.77	3.85	0.00	-0.07	-2.05	0.0
59247	-1865.2	-72.8	-0.1	-374.7	60.0	45.2	0.0346	0.0194	0.0089	1.01	1.80	3.90	0.00	-0.07	-1.98	0.0
59248	-1706.1	-71.7	0.2	-384.0	62.3	43.4	0.0346	0.0194	0.0089	1.09	1.94	4.22	0.00	-0.06	-1.83	0.0
59249	-1469.8	-70.0	0.5	-394.6	64.9	41.4	0.0346	0.0194	0.0089	1.35	2.40	5.22	0.00	-0.06	-1.62	0.0
59250	-1167.7	-67.4	0.9	-406.2	67.6	39.3	0.0346	0.0194	0.0089	2.03	3.62	7.87	0.00	-0.07	-1.38	0.0
59251	-814.8	-63.5	1.4	-418.2	70.7	36.9	0.0346	0.0194	0.0089	3.56	6.35	13.79	0.00	-0.12	-1.13	0.0
59252	-424.5	-57.9	1.8	-430.1	73.9	33.9	0.0346	0.0194	0.0089	6.56	11.70	25.41	0.00	-0.22	-0.94	0.0
59253	-7.8	-49.7	2.3	-441.0	77.3	30.3	0.0346	0.0194	0.0089	12.00	21.42	46.52	0.00	-0.40	-0.90	0.0
59254	425.9	-38.3	2.7	-449.6	80.0	26.3	0.0346	0.0194	0.0089	20.33	36.27	78.78	0.00	-0.69	-1.03	0.0
59255	865.6	-23.4	3.4	-454.3	81.4	22.6	0.0346	0.0194	0.0089	30.63	54.65	118.72	0.00	-1.05	-1.29	0.0
59256	1297.5	-4.7	4.3	-452.1	79.8	20.7	0.0346	0.0194	0.0089	41.65	74.31	161.42	0.00	-1.43	-1.60	0.0
59257	1702.8	18.9	5.6	-438.0	73.8	22.2	0.0346	0.0194	0.0089	52.33	93.37	202.82	0.00	-1.79	-1.92	0.0
59258	2060.1	51.0	7.4	-405.9	65.2	27.5	0.0346	0.0194	0.0089	61.81	110.28	239.55	0.00	-2.11	-2.19	0.0
59259	-906.9	13.8	-10.1	-258.6	-72.8	41.7	0.0346	0.0194	0.0089	3.20	5.71	12.40	0.00	-0.15	-1.09	0.0
59260	-1075.8	-0.6	-8.6	-297.1	-82.2	36.0	0.0346	0.0194	0.0089	3.01	5.37	11.66	0.00	-0.14	-1.26	0.0
59261	-1257.1	-14.2	-8.8	-328.1	91.7	36.8	0.0346	0.0194	0.0089	2.01	3.59	7.80	0.00	-0.07	-1.42	0.0
59262	-1433.4	-23.6	-8.9	-352.2	109.9	39.7	0.0346	0.0194	0.0089	1.80	3.21	6.98	0.00	-0.07	-1.59	0.0
59263	-1594.2	-25.9	-8.9	-371.7	124.4	42.4	0.0346	0.0194	0.0089	1.76	3.14	6.83	0.00	-0.06	-1.75	0.0
59264	-1733.2	-23.2	-9.0	-388.2	135.6	44.3	0.0346	0.0194	0.0089	1.85	3.31	7.19	0.00	-0.07	-1.89	0.0
59265	-1845.3	-20.1	-9.4	-402.8	144.3	45.3	0.0346	0.0194	0.0089	1.97	3.51	7.62	0.00	-0.07	-2.01	0.0
59266	-1924.6	-18.1	-9.6	-416.3	151.6	45.6	0.0346	0.0194	0.0089	2.07	3.69	8.01	0.00	-0.07	-2.10	0.0
59267	-1962.7	-17.3	-9.8	-429.2	158.0	45.5	0.0346	0.0194	0.0089	2.17	3.87	8.41	0.00	-0.07	-2.14	0.0
59268	-1947.5	-17.5	-9.6	-442.0	163.9	45.0	0.0346	0.0194	0.0089	2.31	4.12	8.95	0.00	-0.08	-2.14	0.0
59269	-1864.8	-18.5	-9.0	-455.1	169.8	44.4	0.0346	0.0194	0.0089	2.54	4.53	9.83	0.00	-0.08	-2.07	0.0
59270	-1703.8	-19.8	-8.2	-468.5	175.7	43.7	0.0346	0.0194	0.0089	2.94	5.24	11.39	0.00	-0.09	-1.94	0.0
59271	-1464.7	-21.4	-7.0	-482.1	181.8	42.8	0.0346	0.0194	0.0089	3.64	6.49	14.11	0.00	-0.11	-1.76	0.0
59272	-1158.7	-23.2	-5.5	-495.6	187.8	41.7	0.0346	0.0194	0.0089	4.84	8.63	18.74	0.00	-0.15	-1.54	0.0
59273	-801.0	-25.4	-4.0	-508.4	193.9	40.5	0.0346	0.0194	0.0089	6.87	12.25	26.62	0.00	-0.22	-1.32	0.0
59274	-404.7	-27.7	-2.7	-519.6	199.5	39.0	0.0346	0.0194	0.0089	10.32	18.41	39.98	0.00	-0.34	-1.17	0.0
59275	19.3	-29.7	-1.9	-528.0	204.4	37.1	0.0346	0.0194	0.0089	15.93	28.42	61.73	0.00	-0.53	-1.14	0.0
59276	461.6	-29.9	-1.8	-531.9	207.6	34.9	0.0346	0.0194	0.0089	24.01	42.84	93.06	0.00	-0.81	-1.25	0.0
59277	911.8	-23.6	-2.7	-529.0	207.9	32.9	0.0346	0.0194	0.0089	33.98	60.62	131.68	0.00	-1.16	-1.49	0.0
59278	1356.4	-8.6	-4.2	-514.6	202.8	31.9	0.0346	0.0194	0.0089	44.76	79.86	173.47	0.00	-1.53	-1.78	0.0
59279	1775.3	12.8	-5.7	-482.4	187.7	33.4	0.0346	0.0263	0.0089	55.28	72.92	214.24	0.00	-1.89	-2.07	0.0
59280	2142.0	37.6	-6.8	-426.4	160.3	37.1	0.0346	0.0194	0.0089	64.54	115.15	250.14	0.00	-2.20	-2.33	0.0
59281	-1202.6	75.9	17.4	-286.8	-159.1	-88.3	0.0137	0.0089	0.0089	11.72	17.94	17.94	0.00	-0.14	-1.45	0.0
59282	-1282.1	76.4	24.4	-293.2	-184.1	-74.6	0.0137	0.0089	0.0089	10.95	16.76	16.76	0.00	-0.11	-1.52	0.0
59283	-1371.4	74.1	19.5	-286.9	196.4	-61.8	0.0137	0.0089	0.0089	14.01	21.45	21.45	0.00	-0.21	-1.64	0.0
59284	-1464.8	69.8	13.7	-271.7	230.8	-52.5	0.0137	0.0089	0.0089	12.97	19.86	19.86	0.00	-0.19	-1.72	0.0
59285	-1556.7	65.3	10.8	-251.6	261.4	-47.2	0.0137	0.0089	0.0089	12.09	18.52	18.52	0.00	-0.18	-1.80	0.0
59286	-1641.6	60.7	10.2	256.7	288.3	-44.4	0.0137	0.0089	0.0089	7.21	11.04	11.04	0.00	-0.04	-1.83	0.0
59287	-1713.4	55.5	9.8	278.4	311.7	-42.8	0.0137	0.0089	0.0089	7.24	11.08	11.08	0.00	-0.04	-1.91	0.0
59288	-1764.9	49.4	8.9	297.7	332.3	-41.8	0.0137	0.0089	0.0089	7.37	11.28	11.28	0.00	-0.04	-1.97	0.0
59289	-1787.4	42.7	7.5	315.1	350.6	-41.4	0.0137	0.0089	0.0089	7.62	11.66	11.66	0.00	-0.04	-2.01	0.0
59290	-1770.2	35.8	5.7	331.1	367.3	-41.8	0.0137	0.0089	0.0089	8.04	12.32	12.32	0.00	-0.05	-2.01	0.0
59291	-1701.1	29.7	3.8	346.5	382.8	-43.1	0.0137	0.0089	0.0089	8.78	13.45	13.45	0.00	-0.06	-1.97	0.0
59292	-1571.2	26.0	1.8	361.6	397.4	-45.5	0.0137	0.0089	0.0089	10.03	15.36	15.36	0.00	-0.08	-1.88	0.0
59293	-1380.9	24.6	-0.2	376.6	411.3	-48.8	0.0137	0.0089	0.0089	12.02	18.40	18.40	0.00	-0.10	-1.75	0.0
59294	-1139.8	24.6	-2.3	391.5	424.3	-53.0	0.0137	0.0089	0.0089	15.02	23.00	23.00	0.00	-0.14	-1.59	0.0
59295	-861.2	25.1	-4.8	405.9	436.0	-58.0	0.0137	0.0089	0.0089	19.48	29.82	29.82	0.00	-0.20	-1.44	0.0
59296	-557.1	25.9	-7.8	419.2	445.7	-63.6	0.0137	0.0089	0.0089	25.98	39.78	39.78	0.00	-0.28	-1.32	0.0
59297	-237.7	27.2	-11.3	430.4	452.5	-69.8	0.0137	0.0089	0.0089	35.13	53.79	53.79	0.00	-0.40	-1.26	0.0
59298	88.2	29.3	-14.7	437.9	454.9	-77.5	0.0137	0.0089	0.0089	47.17	72.22	72.22	0.00	-0.56	-1.27	0.0
59299	413.3	33.4	-16.9	439.3	450.4	-88.3	0.0137	0.0089	0.0089	61.57	94.28	94.28	0.00	-0.74	-1.35	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
59300	731.6	40.6	-17.2	430.7	433.5	-103.1	0.0137	0.0089	0.0089	77.24	118.28	118.28	0.00	-0.94	-1.47	0.0
59301	1036.6	51.9	-17.7	408.6	398.0	-118.7	0.0137	0.0089	0.0089	93.07	142.52	142.52	0.00	-1.14	-1.61	0.0
59302	1320.2	71.5	-19.7	373.5	341.2	-124.9	0.0137	0.0089	0.0089	108.36	165.92	165.92	0.00	-1.33	-1.75	0.0
59303	-1200.6	128.3	13.0	-260.8	-23.6	-25.5	0.0137	0.0089	0.0089	13.17	20.17	20.17	0.00	-0.17	-1.43	0.0
59304	-1269.3	105.7	9.6	-247.5	-27.7	-23.0	0.0137	0.0089	0.0089	11.05	16.92	16.92	0.00	-0.14	-1.46	0.0
59305	-1350.2	87.4	7.5	-229.3	-27.7	-19.9	0.0137	0.0089	0.0089	9.14	14.00	14.00	0.00	-0.12	-1.51	0.0
59306	-1438.9	74.6	6.0	-208.9	-25.5	-16.6	0.0137	0.0089	0.0089	7.65	11.71	11.71	0.00	-0.10	-1.57	0.0
59307	-1529.3	67.0	5.1	-188.4	-22.3	16.5	0.0137	0.0089	0.0089	6.80	10.41	10.41	0.00	-0.09	-1.64	0.0
59308	-1614.5	62.8	4.8	-169.0	22.0	16.7	0.0137	0.0089	0.0089	6.02	9.21	9.21	0.00	-0.08	-1.71	0.0
59309	-1687.6	60.4	4.6	-151.5	24.9	16.3	0.0137	0.0089	0.0089	5.57	8.53	8.53	0.00	-0.07	-1.78	0.0
59310	-1740.8	58.7	4.6	-136.3	27.0	15.4	0.0137	0.0089	0.0089	5.24	8.02	8.02	0.00	-0.07	-1.82	0.0
59311	-1764.9	57.3	4.6	-123.8	28.7	14.0	0.0137	0.0089	0.0089	4.97	7.61	7.61	0.00	-0.07	-1.84	0.0
59312	-1748.7	55.9	4.6	-114.8	30.1	12.4	0.0137	0.0089	0.0089	4.75	7.27	7.27	0.00	-0.06	-1.82	0.0
59313	-1679.3	54.5	4.8	-110.5	31.6	10.8	0.0137	0.0089	0.0089	4.60	7.04	7.04	0.00	-0.06	-1.75	0.0
59314	-1547.5	53.4	4.9	-112.1	33.2	-10.7	0.0137	0.0089	0.0089	4.68	7.17	7.17	0.00	-0.06	-1.62	0.0
59315	-1353.8	52.7	5.1	-119.2	35.0	-13.0	0.0137	0.0089	0.0089	4.88	7.48	7.48	0.00	-0.07	-1.43	0.0
59316	-1108.7	52.5	5.4	-130.3	37.0	-16.0	0.0137	0.0089	0.0089	5.33	8.16	8.16	0.00	-0.07	-1.20	0.0
59317	-826.1	53.3	5.8	-143.4	39.3	-19.4	0.0137	0.0089	0.0089	6.17	9.45	9.45	0.00	-0.09	-0.93	0.0
59318	-519.1	55.5	6.2	-157.3	41.9	-23.2	0.0137	0.0089	0.0089	7.80	11.94	11.94	0.00	-0.11	-0.67	0.0
59319	-198.6	60.0	6.8	-171.1	44.6	-27.2	0.0137	0.0089	0.0089	11.57	17.71	17.71	0.00	-0.16	-0.44	0.0
59320	125.9	68.3	7.8	-184.1	47.1	-31.6	0.0137	0.0089	0.0089	21.52	32.95	32.95	0.00	-0.30	-0.38	0.0
59321	446.0	82.7	9.3	-195.5	48.2	-36.2	0.0137	0.0089	0.0089	39.30	60.18	60.18	0.00	-0.52	-0.55	0.0
59322	754.3	105.0	11.7	-205.0	46.3	-40.3	0.0137	0.0089	0.0089	59.74	91.48	91.48	0.00	-0.76	-0.82	0.0
59323	1045.0	134.8	14.4	-212.1	40.8	-42.3	0.0137	0.0089	0.0089	79.96	122.44	122.44	0.00	-0.99	-1.09	0.0
59324	1312.0	169.9	19.9	-216.4	32.6	-40.4	0.0137	0.0089	0.0089	98.86	151.39	151.39	0.00	-1.21	-1.34	0.0
59325	-1175.2	130.9	14.6	-356.2	-25.4	32.9	0.0137	0.0089	0.0089	16.70	25.57	25.57	0.00	-0.22	-1.49	0.0
59326	-1247.7	109.1	10.2	-353.0	-28.2	31.7	0.0137	0.0089	0.0089	14.82	22.69	22.69	0.00	-0.20	-1.54	0.0
59327	-1332.8	90.0	7.7	-351.7	-26.7	33.3	0.0137	0.0089	0.0089	13.21	20.22	20.22	0.00	-0.18	-1.60	0.0
59328	-1425.7	76.1	6.8	-354.2	-23.5	35.3	0.0137	0.0089	0.0089	12.08	18.50	18.50	0.00	-0.17	-1.67	0.0
59329	-1520.1	67.7	7.2	-359.9	-19.9	37.1	0.0137	0.0089	0.0089	11.43	17.51	17.51	0.00	-0.16	-1.75	0.0
59330	-1608.9	63.3	8.0	-367.7	22.0	38.2	0.0137	0.0089	0.0089	10.84	16.59	16.59	0.00	-0.15	-1.83	0.0
59331	-1684.8	61.0	8.7	-377.0	24.2	38.5	0.0137	0.0089	0.0089	10.72	16.42	16.42	0.00	-0.15	-1.91	0.0
59332	-1739.9	59.9	9.0	-387.4	25.6	38.0	0.0137	0.0089	0.0089	10.76	16.47	16.47	0.00	-0.15	-1.97	0.0
59333	-1765.2	59.5	9.2	-398.7	26.7	37.0	0.0137	0.0089	0.0089	10.93	16.74	16.74	0.00	-0.15	-2.00	0.0
59334	-1749.1	59.6	9.1	-410.9	27.7	35.6	0.0137	0.0089	0.0089	11.28	17.28	17.28	0.00	-0.15	-1.99	0.0
59335	-1678.9	60.3	8.9	-423.6	28.8	34.1	0.0137	0.0089	0.0089	11.89	18.20	18.20	0.00	-0.16	-1.94	0.0
59336	-1545.0	61.5	8.7	-436.8	30.0	32.6	0.0137	0.0089	0.0089	12.86	19.70	19.70	0.00	-0.17	-1.83	0.0
59337	-1348.2	63.3	8.4	-449.9	31.5	31.1	0.0137	0.0089	0.0089	14.39	22.03	22.03	0.00	-0.19	-1.68	0.0
59338	-1099.1	66.0	8.1	-462.7	33.3	29.4	0.0137	0.0089	0.0089	16.71	25.59	25.59	0.00	-0.22	-1.49	0.0
59339	-811.8	70.0	7.7	-474.3	35.5	27.6	0.0137	0.0089	0.0089	20.25	31.01	31.01	0.00	-0.27	-1.30	0.0
59340	-499.6	75.4	7.2	-483.8	38.1	25.4	0.0137	0.0089	0.0089	25.63	39.25	39.25	0.00	-0.34	-1.13	0.0
59341	-173.8	83.2	6.7	-490.0	41.1	22.7	0.0137	0.0089	0.0089	33.72	51.64	51.64	0.00	-0.45	-1.02	0.0
59342	155.9	94.7	6.3	-491.2	43.9	19.6	0.0137	0.0089	0.0089	45.17	69.16	69.16	0.00	-0.61	-0.99	0.0
59343	480.2	111.9	6.7	-485.8	45.8	-16.8	0.0137	0.0089	0.0089	59.81	91.58	91.58	0.00	-0.81	-1.04	0.0
59344	791.0	136.0	8.7	-472.4	45.7	-20.3	0.0137	0.0089	0.0089	76.06	116.47	116.47	0.00	-1.03	-1.15	0.0
59345	1082.0	164.7	12.1	-450.5	42.9	-22.5	0.0137	0.0089	0.0089	92.68	141.91	141.91	0.00	-1.26	-1.29	0.0
59346	1347.0	193.6	18.6	-418.5	37.0	-23.5	0.0137	0.0089	0.0089	108.46	166.08	166.08	0.00	-1.42	-1.47	0.0
59347	-1119.2	65.7	-31.9	-545.3	183.7	99.8	0.0137	0.0089	0.0089	20.52	31.43	31.43	0.00	-0.28	-1.65	0.0
59348	-1210.1	57.7	-24.1	-571.5	221.6	78.8	0.0137	0.0089	0.0089	20.28	31.05	31.05	0.00	-0.26	-1.75	0.0
59349	-1313.2	49.6	-25.9	-606.0	261.4	73.8	0.0137	0.0089	0.0089	20.62	31.58	31.58	0.00	-0.26	-1.87	0.0
59350	-1421.4	44.5	-26.3	-646.6	298.1	78.4	0.0137	0.0089	0.0089	21.40	32.76	32.76	0.00	-0.27	-2.01	0.0
59351	-1527.6	42.3	-25.4	-689.1	329.6	86.2	0.0137	0.0089	0.0089	22.39	34.29	34.29	0.00	-0.27	-2.16	0.0
59352	-1625.0	40.9	-25.4	-730.4	355.9	92.8	0.0137	0.0089	0.0089	23.45	35.92	35.92	0.00	-0.28	-2.29	0.0
59353	-1706.6	39.7	-26.2	-769.3	378.0	96.9	0.0137	0.0089	0.0089	24.58	37.64	37.64	0.00	-0.30	-2.41	0.0
59354	-1765.1	38.9	-27.1	-805.7	397.2	98.4	0.0137	0.0089	0.0089	25.89	39.64	39.64	0.00	-0.31	-2.50	0.0
59355	-1791.8	38.8	-27.4	-840.2	414.6	98.0	0.0137	0.0089	0.0089	27.52	42.14	42.14	0.00	-0.33	-2.58	0.0
59356	-1775.3	39.9	-26.8	-873.3	431.0	96.4	0.0137	0.0089	0.0089	29.68	45.45	45.45	0.00	-0.36	-2.62	0.0
59357	-1703.3	42.0	-25.0	-905.1	446.8	94.1	0.0137	0.0089	0.0089	32.62	49.96	49.96	0.00	-0.40	-2.63	0.0
59358	-1566.3	45.4	-22.0	-935.6	462.1	91.3	0.0137	0.0089	0.0089	36.66	56.14	56.14	0.00	-0.45	-2.60	0.0
59359	-1365.1	50.1	-17.8	-964.5	477.2	88.3	0.0137	0.0089	0.0089	42.08	64.44	64.44	0.00	-0.52	-2.54	0.0
59360	-1109.9	55.9	-12.8	-990.9	491.5	84.7	0.0137	0.0089	0.0089	49.10	75.18	75.18	0.00	-0.61	-2.47	0.0
59361	-814.5	62.6	-7.8	-1013.5	504.8	80.5	0.0137	0.0089	0.0089	57.81	88.52	88.52	0.00	-0.72	-2.41	0.0
59362	-492.1	69.8	-3.6	-1030.0	516.0	75.3	0.0137	0.0089	0.0089	68.16	104.37	104.37	0.00	-0.86	-2.36	0.0
59363	-153.5	76.8	-1.5	-1037.3	523.9	69.0	0.0137	0.0089	0.0089	79.91	122.36	122.36	0.00	-1.02	-2.33	0.0
59364	191.1	83.8	-2.5	-1031.5	526.3	61.8	0.0137	0.0089	0.0089	92.58	141.76	141.76	0.00	-1.20	-2.33	0.0
59365	532.3	91.5	-7.2	-1008.6	520.5	55.6	0.0137	0.0089	0.0089	105.48	161.52	161.52	0.00	-1.38	-2.33	0.0
59366	861.0	101.6	-13.0	-965.1	502.4	54.7	0.0137	0.0089	0.0089	117.82	180.41	180.41	0.00	-1.55	-2.34	0.0
59367	1168.5	113.2	-18.5	-896.7	465.5	64.5	0.0137	0.0089	0.0089	128.68	197.04	197.04	0.00	-1.69	-2.33	0.0
59368	1445.7	125.8	-24.3	-799.0	400.4	83.2	0.0137	0.0089	0.0089	137.32	210.27	210.27	0.00	-1.79	-2.30	0.0
59369	2212.8	41.4	-22.1	-293.5	242.7	29.8	0.0346	0.0194	0.0089	65.72	117.26	254.72	0.00	-2.23	-2.36	0.0
59370	2242.6	15.4	-6.9	-106.3	278.5	-16.8	0.0346	0.0194	0.0089	65.88	117.55	255.33	0.00	-2.27	-2.32	0.0
59371	1843.4	24.9	-18.0	-340.7	292.1	28.1	0.0346	0.0194	0.0089	56.18	100.24	217.75	0.00	-1.91	-2.07	0.0
59372	1882.4	10.4	-6.9	-125.8	344.8	12.1	0.0346	0.0194	0.0089	56.33	100.51	218.33	0.00	-1.93	-2.03	0.0
59373	1414.6	10.8	-15.0	-370.0	319.8	25.1	0.0346	0.0194	0.0089	45.19	80.62	175.13	0.00	-1.54	-1.74	0.0
59374	1456.0	5.7	-8.0	-137.7	385.1	10.8	0.0346	0.0194	0.0089	45.11	80.48	174.81	0.00	-1.55	-1.68	0.0
59375	958.6	3.1	-13.0	-384.1	330.5	24.1	0.0346	0.0194	0.0089	33.86	60.41	131.22	0.00	-1.15	-1.41	0.0
59376	996.9	3.0	-8.7	-142.9	400.8	10.8	0.0346	0.0194	0.0089	33.27	59.36	128.93	0.00	-1.14	-1.32	0.0
59377	498.5	2.5	-11.8	-388.4	331.9	25.6	0.0346	0.0194	0.0089	23.38	41.72	90.62	0.00	-0.79	-1.15	0.0
59378	531.9	2.6	-7.8	-144.2	402.2	12.1	0.0346	0.0194	0.0089	22.11	39.46	85.71	0.00	-0.76	-1.01	0.0
59379	48.1	5.4	-11.5	-386.7	328.4	26.9	0.0346	0.0194	0.0089	14.98	26.73	58.06	0.00	-0.50	-1.02	0.0
59380	76.5	3.2	-6.0	-143.3	397.1	13.0	0.0346	0.0194	0.0089	13.17	23.50	51.06	0.00	-0.45	-0.85	0.0
59381	-382.8	8.9	-11.9	-381.3	322.0	26.9	0.0346	0.0194	0.0089	9.41	16.79	36.47	0.00	-0.30	-1.06	0.0
59382	-359.3	4.1	-4.1	-141.1	388.9	12.8	0.0346	0.0194	0.0089	7.61	13.58	29.50	0.00	-0.25	-0.90	0.0
59383	-785.0	12.1	-12.6	-373.4	314.0	26.0	0.0346	0.0194	0.0089	6.23	11.11	24.13	0.00	-0.19	-1.24	0.0
59384	-766.2	5.0	-2.5	-138.0	378.8	11.7	0.0346	0.0194	0.0089	4.78	8.53	18.53	0.00	-0.15	-1.11	0.0
59385	-1147.7	14.7	-13.5	-364.0	305.0	24.4	0.0346	0.0194	0.0089	4.47	7.97	17.31	0.00	-0.13	-1.48	0.0
59386	-1133.2	5.7	-1.1	-134.4	367.6	-13.1	0.0346	0.0194	0.0089	3.77	6.72	14.60	0.00	-0.14	-1.39	0.0
59387	-1457.6	16.9	-14.4	-353.9	295.5	22.8	0.0346	0.0194	0.0089	3.47	6.19	13.45	0.00	-0.10	-1.71	0.0
59388	-1446.9	6.3	0.1	-130.5	356.0	-14.5	0.0346	0.0194	0.0089	3.02	5.38	11.69	0.00	-0.11	-1.64	0.0
59389	-1699.7	19.0	-15.1	-343.5	285.9	21.3	0.0346	0.0194	0.0089	2.90	5.17	11.23	0.00	-0.09	-1.91	0.0
59390	-1691.8	6.8	1.2	-126.6	344.4	-15.7	0.0346	0.0194	0.0089	2.59	4.62	10.03	0.00	-0.10	-1.86	0.0
59391	-1862.6	20.8	-15.7	-333.1	276.3	20.1	0.0346	0.0194	0.0089	2.57	4.58	9.95	0.00	-0.08	-2.05	0.0
59392	-1856.6	7.4	2.3	-122.8	332.9	-16.7	0.0346	0.0194	0.0089	2.34	4.18	9.08	0.00	-0.09	-2.00	0.0
59393	-1946.4	22.5	-16.1	-322.8	266.7	19.3	0.0346	0.0194	0.0089	2.38	4.24	9.20	0.00	-0.07	-2.12	0.0
59394	-1941.4	7.8	3.3	-118.9	321.5	-17.5	0.0346	0.0194	0.0089	2.20	3.92	8.52	0.00	-0.08	-2.08	0.0
59395	-1961.8	23.5	-16.2	-312.3	256.7	18.9	0.0346	0.0194	0.0089	2.25	4.02	8.74	0.00	-0.07	-2.12	0.0
59396	-1956.9	8.1	4.1	-115.0	309.6	-17.9	0.0346	0.0194	0.0089	2.10	3.75	8.16	0.00	-0.08	-2.08	0.0
59397	-1923.2	23.7	-16.1	-301.3	246.0	18.6	0.0346	0.0194	0.0089	2.16	3.85	8.36	0.00	-0.07	-2.07	0.0
59398	-1917.7	8.2	4.7	-110.9	296.5	-17.7	0.0346	0.0194	0.0089	2.02	3.61	7.83	0.00	-0.08	-2.04	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
59399	-1842.3	22.4	-15.7	-289.4	233.7	18.2	0.0346	0.0194	0.0089	2.06	3.67	7.96	0.00	-0.06	-1.99	0.0
59400	-1835.6	7.8	4.8	-106.3	281.4	-16.7	0.0346	0.0194	0.0089	1.92	3.42	7.43	0.00	-0.07	-1.95	0.0
59401	-1727.5	19.6	-15.3	-276.1	219.1	17.4	0.0346	0.0194	0.0089	1.93	3.45	7.49	0.00	-0.06	-1.86	0.0
59402	-1718.9	7.0	4.5	-101.2	263.0	-14.7	0.0346	0.0194	0.0089	1.77	3.16	6.87	0.00	-0.07	-1.82	0.0
59403	-1584.3	16.0	-14.7	-261.0	201.2	15.8	0.0346	0.0194	0.0089	1.80	3.21	6.97	0.00	-0.06	-1.71	0.0
59404	-1572.8	6.0	4.2	-95.3	240.1	-12.0	0.0346	0.0194	0.0089	1.59	2.84	6.17	0.00	-0.06	-1.67	0.0
59405	-1417.0	14.5	-14.0	-243.5	178.7	14.3	0.0346	0.0194	0.0089	1.71	3.04	6.61	0.00	-0.06	-1.54	0.0
59406	-1401.2	5.6	5.5	-88.4	210.6	-10.0	0.0346	0.0194	0.0089	1.43	2.55	5.55	0.00	-0.05	-1.49	0.0
59407	-1231.3	18.7	-12.8	-222.1	150.4	14.8	0.0346	0.0194	0.0089	1.71	3.05	6.61	0.00	-0.06	-1.35	0.0
59408	-1210.0	6.8	10.0	-79.7	171.8	-11.7	0.0346	0.0194	0.0089	1.38	2.46	5.34	0.00	-0.05	-1.29	0.0
59409	-1038.2	28.4	-12.0	-195.3	-122.6	16.9	0.0346	0.0194	0.0089	2.34	4.17	9.06	0.00	-0.10	-1.17	0.0
59410	-1011.3	9.9	15.9	-68.3	-148.0	-17.7	0.0346	0.0194	0.0089	1.14	2.03	4.41	0.00	-0.03	-1.08	0.0
59411	-857.5	42.6	-16.3	-164.3	-106.4	-18.6	0.0346	0.0194	0.0089	2.07	3.69	8.02	0.00	-0.07	-0.97	0.0
59412	-827.0	15.3	16.6	-54.6	-127.6	-26.1	0.0346	0.0194	0.0089	1.36	2.42	5.25	0.00	-0.04	-0.90	0.0
59413	1539.5	38.6	-91.6	-461.6	825.7	36.4	0.0137	0.0089	0.0089	144.20	220.80	220.80	0.00	-1.93	-2.50	0.0
59414	1576.2	12.4	-11.6	-136.6	875.4	-48.0	0.0137	0.0089	0.0089	144.31	220.98	220.98	0.00	-1.97	-2.37	0.0
59415	1250.1	35.8	-68.5	-526.3	972.5	32.6	0.0137	0.0089	0.0089	137.20	210.09	210.09	0.00	-1.84	-2.58	0.0
59416	1289.6	10.9	-5.3	-155.9	1059.0	-35.0	0.0137	0.0089	0.0089	138.55	212.15	212.15	0.00	-1.89	-2.50	0.0
59417	921.6	33.2	-55.5	-572.1	1061.3	28.6	0.0137	0.0089	0.0089	126.64	193.91	193.91	0.00	-1.70	-2.60	0.0
59418	953.6	9.0	-6.1	-170.3	1176.6	-23.1	0.0137	0.0089	0.0089	128.48	196.74	196.74	0.00	-1.76	-2.56	0.0
59419	573.2	31.4	-45.7	-601.2	1105.8	26.1	0.0137	0.0089	0.0089	113.89	174.39	174.39	0.00	-1.52	-2.59	0.0
59420	596.4	8.1	-7.6	-180.7	1233.9	-16.8	0.0346	0.0089	0.0194	45.61	176.76	81.37	0.00	-1.58	-2.57	0.0
59421	215.9	29.7	-36.7	-617.0	1122.2	25.8	0.0137	0.0089	0.0089	100.39	153.72	153.72	0.00	-1.34	-2.57	0.0
59422	233.2	7.5	-5.4	-187.1	1253.6	-16.7	0.0346	0.0089	0.0194	40.12	155.49	71.58	0.00	-1.39	-2.55	0.0
59423	-141.6	27.7	-32.5	-621.6	1120.7	25.4	0.0137	0.0089	0.0089	87.10	133.38	133.38	0.00	-1.16	-2.57	0.0
59424	-127.8	6.8	-0.2	-189.6	1251.7	-19.6	0.0346	0.0089	0.0194	34.85	135.06	62.18	0.00	-1.21	-2.54	0.0
59425	-490.0	25.6	-32.5	-617.8	1106.8	23.9	0.0137	0.0089	0.0089	74.76	114.48	114.48	0.00	-0.99	-2.57	0.0
59426	-478.3	6.1	5.6	-189.0	1236.0	-23.2	0.0346	0.0089	0.0194	30.08	116.57	53.66	0.00	-1.04	-2.55	0.0
59427	-819.7	23.4	-35.4	-608.1	1084.6	21.4	0.0137	0.0089	0.0089	63.85	97.77	97.77	0.00	-0.85	-2.61	0.0
59428	-809.4	5.6	11.0	-186.4	1210.8	-26.5	0.0346	0.0089	0.0194	25.94	100.53	46.28	0.00	-0.90	-2.59	0.0
59429	-1120.1	21.2	-39.7	-594.5	1057.3	18.4	0.0137	0.0089	0.0089	54.62	83.64	83.64	0.00	-0.73	-2.66	0.0
59430	-1110.5	5.1	15.7	-182.3	1179.6	-29.4	0.0346	0.0089	0.0194	22.50	87.19	40.14	0.00	-0.78	-2.64	0.0
59431	-1378.8	19.4	-44.3	-578.4	1026.9	15.5	0.0137	0.0089	0.0089	47.12	72.15	72.15	0.00	-0.63	-2.71	0.0
59432	-1369.6	4.8	19.9	-177.4	1144.9	-31.8	0.0346	0.0089	0.0194	19.75	76.54	35.23	0.00	-0.69	-2.71	0.0
59433	-1582.5	17.9	-48.5	-560.7	994.7	13.1	0.0137	0.0089	0.0089	41.25	63.17	63.17	0.00	-0.55	-2.75	0.0
59434	-1573.5	4.5	24.0	-171.8	1108.5	-34.0	0.0346	0.0089	0.0194	17.65	68.39	31.49	0.00	-0.62	-2.76	0.0
59435	-1721.2	16.8	-51.6	-542.0	961.5	11.4	0.0137	0.0089	0.0089	36.81	56.37	56.37	0.00	-0.49	-2.77	0.0
59436	-1712.7	4.4	28.2	-165.9	1071.1	-36.1	0.0346	0.0089	0.0194	16.10	62.41	28.73	0.00	-0.56	-2.79	0.0
59437	-1794.7	16.1	-53.5	-522.4	927.2	-12.0	0.0137	0.0089	0.0089	34.73	53.17	53.17	0.00	-0.49	-2.77	0.0
59438	-1786.8	4.3	32.7	-159.6	1032.6	-38.0	0.0346	0.0089	0.0194	14.98	58.07	26.73	0.00	-0.53	-2.78	0.0
59439	-1811.8	15.8	-54.2	-501.7	891.3	-13.3	0.0137	0.0089	0.0089	32.25	49.39	49.39	0.00	-0.46	-2.72	0.0
59440	-1804.8	4.3	37.0	-152.9	991.9	-39.4	0.0346	0.0089	0.0194	14.13	54.76	25.21	0.00	-0.50	-2.73	0.0
59441	-1784.9	15.8	-53.8	-479.8	852.7	-13.9	0.0137	0.0089	0.0089	30.22	46.27	46.27	0.00	-0.43	-2.63	0.0
59442	-1778.7	4.3	40.7	-145.7	947.5	-39.8	0.0346	0.0089	0.0194	13.39	51.91	23.90	0.00	-0.47	-2.65	0.0
59443	-1724.6	15.9	-52.9	-456.1	809.9	-13.6	0.0137	0.0089	0.0089	28.33	43.38	43.38	0.00	-0.40	-2.52	0.0
59444	-1719.0	4.4	43.2	-137.9	897.1	-38.8	0.0346	0.0089	0.0194	12.65	49.02	22.57	0.00	-0.45	-2.54	0.0
59445	-1639.2	16.2	-51.8	-430.3	760.7	-12.5	0.0137	0.0089	0.0089	26.36	40.36	40.36	0.00	-0.37	-2.38	0.0
59446	-1633.7	4.5	44.3	-129.5	838.4	-36.3	0.0346	0.0089	0.0194	11.80	45.73	21.05	0.00	-0.42	-2.40	0.0
59447	-1535.3	16.2	-51.2	-402.4	703.1	11.7	0.0137	0.0089	0.0089	22.83	34.95	34.95	0.00	-0.30	-2.20	0.0
59448	-1528.7	4.7	45.8	-120.6	769.2	-32.9	0.0346	0.0089	0.0194	10.83	41.96	19.32	0.00	-0.38	-2.22	0.0
59449	-1418.8	16.0	-50.3	-373.3	635.6	12.5	0.0137	0.0089	0.0089	20.32	31.11	31.11	0.00	-0.27	-2.02	0.0
59450	-1408.8	4.7	52.6	-111.8	687.3	-31.2	0.0137	0.0089	0.0089	24.84	38.04	38.04	0.00	-0.35	-2.03	0.0
59451	-1295.3	16.1	-44.3	-345.3	557.3	-17.0	0.0137	0.0089	0.0089	19.52	29.88	29.88	0.00	-0.29	-1.84	0.0
59452	-1278.0	4.8	69.6	-104.6	589.8	-35.3	0.0137	0.0089	0.0089	22.48	34.43	34.43	0.00	-0.31	-1.81	0.0
59453	-1171.4	17.2	-39.2	-320.9	470.4	-25.7	0.0137	0.0089	0.0089	17.37	26.59	26.59	0.00	-0.27	-1.64	0.0
59454	-1143.3	5.2	90.3	-100.2	477.5	-46.7	0.0137	0.0089	0.0089	20.14	30.84	30.84	0.00	-0.29	-1.59	0.0
59455	-1058.7	18.3	-60.3	-302.0	385.8	-34.0	0.0137	0.0089	0.0089	14.74	22.57	22.57	0.00	-0.25	-1.45	0.0
59456	-1018.9	5.6	90.9	-98.2	371.6	-62.7	0.0137	0.0089	0.0089	17.40	26.65	26.65	0.00	-0.26	-1.37	0.0
59457	2512.3	21.1	-12.5	68.3	162.4	22.6	0.0567	0.0194	0.0089	45.38	30.08	56.96	0.00	-0.57	-0.57	15.0
59458	2635.6	22.7	-21.8	47.5	93.6	25.4	0.0567	0.0194	0.0089	46.95	24.06	46.94	0.00	-0.44	-0.47	15.0
59459	2714.4	28.4	-24.3	-32.9	-77.2	21.9	0.0567	0.0194	0.0089	48.16	24.64	48.16	0.00	-0.44	-0.48	15.0
59460	2825.4	35.2	-19.4	-70.1	-192.3	31.4	0.0567	0.0194	0.0089	51.09	35.27	65.54	0.00	-0.65	-0.67	15.0
59461	3507.1	229.4	128.0	-469.7	-661.7	-118.7	0.0567	0.0263	0.0089	69.27	63.03	178.87	0.00	-1.33	-1.99	15.0
59462	2505.1	58.7	-34.6	188.6	160.1	-28.4	0.0567	0.0194	0.0089	45.81	33.56	75.31	0.00	-0.61	-0.78	15.0
59463	2664.8	65.7	-40.9	131.7	100.8	-25.4	0.0567	0.0194	0.0089	47.98	26.12	56.72	0.00	-0.46	-0.59	15.0
59464	2765.1	70.8	-30.0	-88.2	52.6	-31.2	0.0567	0.0194	0.0089	49.23	25.45	49.22	0.00	-0.43	-0.49	15.0
59465	2875.1	121.2	-5.0	-175.0	-105.7	-53.1	0.0567	0.0194	0.0089	51.95	33.47	71.77	0.00	-0.53	-0.71	15.0
59466	2983.5	324.5	136.2	-347.1	-574.1	-215.9	0.0567	0.0194	0.0089	58.63	73.14	144.33	0.00	-0.92	-1.67	15.0
59467	1744.2	12.7	-31.4	96.5	555.5	61.4	0.0567	0.0089	0.0194	33.69	213.74	98.40	0.00	-1.90	-2.11	0.0
59468	1834.8	14.8	-67.9	75.0	350.7	68.2	0.0567	0.0089	0.0194	33.54	212.77	97.95	0.00	-1.87	-2.05	0.0
59469	1873.0	29.1	-89.2	45.7	-220.9	61.2	0.0567	0.0089	0.0194	33.48	212.44	97.80	0.00	-1.84	-2.04	0.0
59470	1887.8	1.4	-33.2	-37.1	-442.9	40.6	0.0567	0.0089	0.0194	35.03	222.24	102.31	0.00	-1.98	-2.12	0.0
59471	2252.7	239.7	9.6	-470.3	-597.8	-70.8	0.0567	0.0089	0.0194	43.89	278.46	128.19	0.00	-2.25	-2.71	0.0
59472	1716.7	38.2	-140.1	328.8	567.3	-34.8	0.0357	0.0089	0.0089	53.89	215.57	215.57	0.00	-1.89	-2.27	0.0
59473	1840.8	44.1	-164.8	245.4	381.2	-28.9	0.0357	0.0089	0.0089	54.28	217.13	217.13	0.00	-1.91	-2.19	0.0
59474	1912.0	56.2	-142.9	153.9	206.2	-35.5	0.0357	0.0089	0.0089	54.40	217.59	217.59	0.00	-1.89	-2.12	0.0
59475	1951.3	108.4	-37.2	-134.6	-323.7	-105.9	0.0357	0.0089	0.0089	56.23	224.91	224.91	0.00	-1.85	-2.16	0.0
59476	1650.1	268.3	-17.3	-266.6	-464.8	-194.5	0.0357	0.0089	0.0089	50.36	201.44	201.44	0.00	-1.43	-2.07	0.0
59477	2314.6	232.7	-11.9	-229.0	109.6	63.3	0.0346	0.0194	0.0089	67.68	120.76	262.30	0.00	-2.11	-2.38	0.0
59478	2311.2	149.9	3.9	-187.6	47.8	53.6	0.0346	0.0194	0.0089	67.23	119.94	260.54	0.00	-2.17	-2.35	0.0
59479	2356.9	89.2	1.0	259.8	53.1	-38.8	0.0567	0.0194	0.0089	42.11	122.99	267.15	0.00	-2.30	-2.41	0.0
59480	2442.7	64.4	-17.2	275.8	114.9	-46.8	0.0567	0.0194	0.0089	43.73	127.71	277.41	0.00	-2.41	-2.54	0.0
59481	2519.3	274.1	-15.2	-232.4	93.1	63.2	0.0567	0.0194	0.0089	46.09	45.67	97.16	0.00	-0.66	-0.93	15.0
59482	2510.6	201.9	3.1	-196.8	48.3	50.7	0.0567	0.0194	0.0089	45.57	38.31	83.98	0.00	-0.59	-0.77	15.0
59483	2553.3	132.1	-1.3	203.5	47.9	-50.5	0.0567	0.0194	0.0089	46.36	35.78	79.52	0.00	-0.60	-0.75	15.0
59484	2626.9	83.9	-22.5	200.7	80.5	-63.0	0.0567	0.0194	0.0089	47.69	33.30	71.78	0.00	-0.56	-0.74	15.0
59485	2697.2	332.1	-10.6	-236.7	92.2	76.7	0.0567	0.0194	0.0089	49.20	50.04	103.45	0.00	-0.69	-0.98	15.0
59486	2683.4	274.1	15.8	-209.8	55.6	49.0	0.0567	0.0194	0.0089	48.68	44.56	94.70	0.00	-0.64	-0.85	15.0
59487	2709.3	195.9	9.1	-168.6	43.2	-67.1	0.0567	0.0194	0.0089	48.82	38.03	79.66	0.00	-0.58	-0.73	15.0
59488	2756.5	116.7	-18.1	-130.0	49.4	-91.2	0.0567	0.0194	0.0089	49.40	30.92	65.06	0.00	-0.48	-0.65	15.0
59489	2892.6	421.3	1.3	-230.9	125.2	83.8	0.0567	0.0194	0.0089	52.66	54.61	108.21	0.00	-0.67	-1.02	15.0
59490	2850.9	378.0	42.3	-219.2	83.3	70.6	0.0567	0.0194	0.0089	51.73	51.17	105.30	0.00	-0.66	-0.94	15.0
59491	2828.0	300.3	38.9	-213.2	59.7	-77.6	0.0567	0.0194	0.0089	51.26	49.09	100.57	0.00	-0.70	-0.89	15.0
59492	2838.8	206.7	8.6	-204.7	-62.1	-118.6	0.0567	0.0194	0.0089	51.37	40.16	83.88	0.00	-0.55	-0.83	15.0
59493	3330.2	641.7	489.5	-220.4	654.9	54.2	0.0567	0.0263	0.0089	65.18	69.09	198.77	0.00	-1.15	-1.67	15.0
59494	3183.7	578.3	416.8	-236.2	563.3	-74.2	0.0567	0.0263	0.0089	59.83	97.10	250.87	0.00	-2.00	-2.00	15.0
59495	3039.1	478.8	338.6	-278.8	475.4	-173.1	0.0567	0.0263	0.0089	58.53	67.89	174.26	0.00	-1.35	-1.45	15.0
59496	2944.8	379.5	233.0	-306.7	-508.5	-243.4	0.0567	0.0194	0.0089	56.97	76.42	140.87	0.00	-0.85	-1.57	15.0
59497	1499.4	112.8	-25.8	-397.8	279.1	115.1	0.0137	0.0089	0.0089	119.89	183.57	183.57	0.00	-1.48	-1.85	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
59498	1460.0	208.9	11.7	-186.0	28.5	33.9	0.0137	0.0089	0.0089	108.71	166.46	166.46	0.00	-1.30	-1.48	0.0
59499	1487.2	219.0	15.6	298.0	34.2	22.1	0.0357	0.0089	0.0089	43.49	173.97	173.97	0.00	-1.40	-1.54	0.0
59500	1604.2	132.1	-50.3	577.8	288.5	-110.4	0.0357	0.0089	0.0089	51.31	205.23	205.23	0.00	-1.71	-2.11	0.0
59501	1645.7	158.6	-30.8	-357.8	232.0	108.2	0.0357	0.0089	0.0089	48.97	195.89	195.89	0.00	-1.57	-1.91	0.0
59502	1596.5	238.4	11.2	-190.6	33.0	32.8	0.0357	0.0089	0.0089	45.41	181.65	181.65	0.00	-1.40	-1.62	0.0
59503	1622.4	237.7	16.7	255.8	37.5	-28.2	0.0357	0.0089	0.0089	46.69	186.74	186.74	0.00	-1.47	-1.66	0.0
59504	1740.0	143.2	-60.1	447.2	206.5	-135.2	0.0357	0.0089	0.0089	52.35	209.39	209.39	0.00	-1.71	-2.08	0.0
59505	1741.2	216.4	-28.7	-326.8	211.5	119.3	0.0357	0.0089	0.0089	51.10	204.40	204.40	0.00	-1.59	-1.96	0.0
59506	1685.4	264.9	27.3	-197.3	55.0	39.0	0.0357	0.0089	0.0089	47.94	191.78	191.78	0.00	-1.47	-1.70	0.0
59507	1711.1	257.8	36.3	199.0	50.7	-42.6	0.0357	0.0089	0.0089	48.65	194.61	194.61	0.00	-1.50	-1.72	0.0
59508	1831.0	170.1	-59.7	294.3	129.4	-176.5	0.0357	0.0089	0.0089	52.78	211.11	211.11	0.00	-1.64	-2.08	0.0
59509	1762.7	287.9	65.2	-317.9	240.5	131.5	0.0357	0.0089	0.0089	51.84	207.36	207.36	0.00	-1.52	-1.92	0.0
59510	1714.5	305.2	61.8	-216.1	-120.2	50.4	0.0357	0.0089	0.0089	49.14	196.55	196.55	0.00	-1.48	-1.71	0.0
59511	1740.0	300.0	71.7	-174.8	-120.9	-68.0	0.0357	0.0089	0.0089	49.47	197.88	197.88	0.00	-1.46	-1.73	0.0
59512	1850.0	246.4	29.7	-202.2	-195.3	-253.4	0.0357	0.0089	0.0089	52.87	211.47	211.47	0.00	-1.48	-2.06	0.0
59513	1529.9	361.6	296.4	-358.9	-152.3	127.8	0.0357	0.0089	0.0089	46.32	185.28	185.28	0.00	-1.31	-1.47	0.0
59514	1571.3	351.2	246.8	-262.4	-194.6	96.0	0.0357	0.0089	0.0089	46.35	185.39	185.39	0.00	-1.33	-1.47	0.0
59515	1628.3	344.9	214.5	-199.9	-230.4	-104.3	0.0357	0.0089	0.0089	47.26	189.06	189.06	0.00	-1.29	-1.59	0.0
59516	1638.3	334.5	115.8	-202.2	-273.4	-275.8	0.0357	0.0089	0.0089	47.66	190.63	190.63	0.00	-1.18	-1.84	0.0
59517	2319.6	298.1	-35.3	-187.5	162.2	-33.9	0.0346	0.0194	0.0089	67.80	120.98	262.78	0.00	-2.07	-2.40	0.0
59518	2326.1	291.2	-33.9	-212.5	159.0	48.6	0.0346	0.0194	0.0089	68.08	121.47	263.86	0.00	-2.08	-2.41	0.0
59519	2535.3	331.4	-36.1	-203.5	131.0	-33.0	0.0567	0.0194	0.0089	46.00	59.72	91.98	0.00	-0.88	-0.88	15.0
59520	2537.4	322.0	-38.4	-221.8	128.1	50.6	0.0567	0.0194	0.0089	46.42	47.99	96.66	0.00	-0.66	-0.95	15.0
59521	2720.5	377.7	-10.3	-221.5	118.6	-31.4	0.0567	0.0194	0.0089	49.32	63.44	99.07	0.00	-0.91	-0.91	15.0
59522	2717.3	366.3	-18.1	-232.9	116.3	52.7	0.0567	0.0194	0.0089	49.58	52.26	104.78	0.00	-0.70	-0.99	15.0
59523	2931.4	451.0	-3.0	-232.6	162.7	35.0	0.0567	0.0194	0.0089	53.52	58.14	111.31	0.00	-0.73	-1.04	15.0
59524	2919.8	439.1	-10.4	-236.0	157.2	47.8	0.0567	0.0194	0.0089	53.31	57.28	111.00	0.00	-0.73	-1.05	15.0
59525	3475.2	703.3	568.9	-236.9	740.3	-63.1	0.0567	0.0263	0.0134	64.79	139.92	274.03	0.00	-2.99	-3.28	0.0
59526	3435.8	677.7	542.9	-229.0	715.2	54.3	0.0567	0.0263	0.0089	67.83	74.27	212.12	0.00	-1.25	-1.79	15.0
59527	1569.7	54.0	-130.0	277.3	643.8	-72.5	0.0137	0.0089	0.0089	132.92	203.53	203.53	0.00	-1.74	-2.22	0.0
59528	1564.2	56.0	-122.8	-228.1	616.2	86.2	0.0137	0.0089	0.0089	130.55	199.90	199.90	0.00	-1.70	-2.17	0.0
59529	1728.3	98.9	-126.2	247.7	522.7	-68.0	0.0357	0.0089	0.0089	52.96	211.85	211.85	0.00	-1.78	-2.20	0.0
59530	1716.0	99.2	-139.9	-215.4	499.2	88.1	0.0357	0.0089	0.0089	52.09	208.34	208.34	0.00	-1.73	-2.18	0.0
59531	1836.4	155.7	-60.3	216.3	429.8	-60.6	0.0357	0.0089	0.0089	54.59	218.37	218.37	0.00	-1.78	-2.14	0.0
59532	1815.9	151.9	-97.2	-206.0	414.8	88.4	0.0357	0.0089	0.0089	53.75	214.98	214.98	0.00	-1.74	-2.15	0.0
59533	1866.2	253.4	150.9	179.8	408.3	-70.6	0.0357	0.0089	0.0089	55.21	220.83	220.83	0.00	-1.68	-1.97	0.0
59534	1844.4	235.2	97.3	-210.9	399.3	82.2	0.0357	0.0089	0.0089	54.61	218.45	218.45	0.00	-1.68	-2.00	0.0
59535	1446.2	331.1	411.9	-178.2	-282.4	-87.7	0.0357	0.0089	0.0089	43.01	172.05	172.05	0.00	-1.08	-1.34	0.0
59536	1457.3	313.9	361.6	-255.4	-278.3	73.4	0.0357	0.0089	0.0089	44.19	176.77	176.77	0.00	-1.28	-1.32	0.0
59537	2292.7	279.9	-13.5	-349.3	122.6	47.5	0.0346	0.0194	0.0089	68.06	121.43	263.76	0.00	-2.12	-2.39	0.0
59538	2254.4	258.7	2.6	-314.2	56.4	38.2	0.0346	0.0194	0.0089	66.52	118.69	257.81	0.00	-2.08	-2.31	0.0
59539	2253.0	258.1	2.7	-218.6	54.9	-37.9	0.0346	0.0194	0.0089	65.78	117.37	254.94	0.00	-2.04	-2.28	0.0
59540	2288.7	278.3	-13.7	222.5	118.7	-47.9	0.0346	0.0194	0.0089	66.94	119.44	259.45	0.00	-2.05	-2.35	0.0
59541	2513.4	334.0	-14.6	-328.4	108.5	55.6	0.0567	0.0194	0.0089	46.88	57.44	124.56	0.00	-0.89	-1.17	15.0
59542	2475.4	338.3	1.1	-304.6	63.8	41.0	0.0567	0.0194	0.0089	45.87	56.30	119.37	0.00	-0.86	-1.09	15.0
59543	2473.1	337.5	1.3	-230.5	61.9	-40.1	0.0567	0.0194	0.0089	45.22	50.20	90.92	0.00	-0.72	-0.82	15.0
59544	2507.2	332.0	-14.7	200.4	103.5	-56.2	0.0567	0.0194	0.0089	45.63	46.09	92.04	0.00	-0.60	-0.88	15.0
59545	2719.2	405.8	-4.5	-308.8	112.5	71.8	0.0567	0.0194	0.0089	50.24	60.84	126.70	0.00	-0.86	-1.18	15.0
59546	2695.0	441.8	12.0	-293.3	85.7	45.8	0.0567	0.0194	0.0089	49.59	62.17	124.91	0.00	-0.86	-1.13	15.0
59547	2690.8	440.6	12.5	-240.9	83.2	-44.0	0.0567	0.0194	0.0089	49.20	57.18	95.18	0.00	-0.76	-0.85	15.0
59548	2707.4	403.2	-4.5	-216.6	105.8	-72.7	0.0567	0.0194	0.0089	49.35	54.93	97.14	0.00	-0.73	-0.90	15.0
59549	2967.7	503.5	-3.0	-291.2	154.3	82.4	0.0567	0.0194	0.0089	54.53	65.48	129.47	0.00	-0.83	-1.22	15.0
59550	2961.5	566.8	28.6	-278.8	127.1	52.5	0.0567	0.0194	0.0089	54.21	68.67	130.54	0.00	-0.84	-1.18	15.0
59551	2953.3	564.8	30.3	-245.8	124.2	-46.0	0.0567	0.0194	0.0089	53.99	66.47	93.69	0.00	-0.81	-0.83	15.0
59552	2944.7	499.2	-0.9	-232.3	146.6	-80.3	0.0567	0.0194	0.0089	53.82	63.31	103.18	0.00	-0.80	-0.96	15.0
59553	3539.1	776.8	605.0	-255.1	770.1	81.8	0.0567	0.0263	0.0089	70.46	80.25	224.91	0.00	-1.29	-1.90	15.0
59554	3515.6	838.7	582.4	-245.2	732.4	41.0	0.0567	0.0263	0.0089	69.52	75.20	222.49	0.00	-1.14	-1.83	15.0
59555	3497.5	833.0	574.2	-231.4	722.8	-39.7	0.0567	0.0263	0.0089	69.02	73.98	227.25	0.00	-1.15	-1.83	15.0
59556	3486.9	762.0	577.6	-237.8	740.6	-85.3	0.0567	0.0263	0.0134	65.02	140.41	275.00	0.00	-2.94	-3.29	0.0
59557	1511.4	87.7	-31.0	-616.7	324.1	98.2	0.0137	0.0158	0.0089	130.22	112.94	199.41	0.00	-1.68	-2.09	0.0
59558	1444.3	162.0	13.7	-311.0	35.0	20.5	0.0137	0.0089	0.0089	110.81	169.68	169.68	0.00	-1.42	-1.51	0.0
59559	1440.7	163.9	13.8	222.3	34.8	-20.0	0.0137	0.0089	0.0089	108.09	165.51	165.51	0.00	-1.35	-1.47	0.0
59560	1501.5	92.7	-31.2	520.2	309.6	-98.0	0.0137	0.0089	0.0089	125.19	191.69	191.69	0.00	-1.60	-1.98	0.0
59561	1674.1	138.4	-24.9	-550.1	276.0	104.8	0.0357	0.0089	0.0089	52.57	210.28	210.28	0.00	-1.74	-2.11	0.0
59562	1598.2	198.2	13.5	-301.3	45.8	22.6	0.0357	0.0089	0.0089	46.48	185.90	185.90	0.00	-1.52	-1.66	0.0
59563	1593.8	201.0	13.7	216.5	45.4	-21.7	0.0357	0.0089	0.0089	45.54	182.15	182.15	0.00	-1.45	-1.62	0.0
59564	1662.4	145.1	-24.9	456.0	260.3	-104.4	0.0357	0.0089	0.0089	50.81	203.24	203.24	0.00	-1.66	-2.01	0.0
59565	1784.1	209.7	-10.2	-480.2	254.1	128.1	0.0357	0.0089	0.0089	54.32	217.30	217.30	0.00	-1.72	-2.12	0.0
59566	1693.7	236.0	29.1	-288.8	82.9	26.9	0.0357	0.0089	0.0089	49.02	196.09	196.09	0.00	-1.56	-1.74	0.0
59567	1688.2	240.1	29.7	208.5	81.9	-24.4	0.0357	0.0089	0.0089	48.15	192.62	192.62	0.00	-1.50	-1.70	0.0
59568	1770.0	219.3	-9.2	388.3	235.8	-126.6	0.0357	0.0089	0.0089	52.68	210.74	210.74	0.00	-1.64	-2.03	0.0
59569	1801.7	315.5	109.3	-409.7	298.6	162.3	0.0357	0.0089	0.0089	54.32	217.27	217.27	0.00	-1.56	-2.04	0.0
59570	1701.0	297.4	55.3	-279.3	166.9	24.3	0.0357	0.0089	0.0089	49.50	198.00	198.00	0.00	-1.51	-1.74	0.0
59571	1694.8	301.7	56.6	-217.0	164.1	22.0	0.0357	0.0089	0.0089	48.76	195.03	195.03	0.00	-1.47	-1.71	0.0
59572	1784.0	328.6	110.3	319.9	274.5	-159.0	0.0357	0.0089	0.0089	52.68	210.73	210.73	0.00	-1.48	-1.94	0.0
59573	1483.0	411.6	400.1	-345.8	-121.9	161.1	0.0357	0.0089	0.0089	44.96	179.83	179.83	0.00	-1.14	-1.39	0.0
59574	1440.1	400.9	340.3	-290.0	-112.9	81.6	0.0357	0.0089	0.0089	42.80	171.19	171.19	0.00	-1.15	-1.25	0.0
59575	1440.3	402.2	335.6	-245.6	-117.4	83.3	0.0357	0.0089	0.0089	42.26	169.03	169.03	0.00	-1.12	-1.23	0.0
59576	1472.5	416.8	380.8	261.8	-147.0	-141.7	0.0357	0.0089	0.0089	43.65	174.59	174.59	0.00	-1.10	-1.31	0.0
59577	2333.1	294.1	-33.1	-241.1	163.1	-48.2	0.0346	0.0194	0.0089	68.52	122.25	265.54	0.00	-2.10	-2.42	0.0
59578	2325.5	300.3	-34.5	-298.8	167.0	33.7	0.0346	0.0194	0.0089	68.70	122.58	266.26	0.00	-2.11	-2.43	0.0
59579	2547.6	324.5	-36.3	-244.4	133.6	-49.8	0.0567	0.0194	0.0089	46.91	53.64	84.48	0.00	-0.80	-0.82	15.0
59580	2544.0	333.4	-34.6	-289.2	137.0	32.1	0.0567	0.0194	0.0089	47.11	55.61	116.41	0.00	-0.83	-1.11	15.0
59581	2736.0	368.8	-13.2	-245.9	124.8	-50.2	0.0567	0.0194	0.0089	50.17	56.16	90.42	0.00	-0.81	-0.84	15.0
59582	2736.8	379.5	-7.6	-280.3	127.0	30.2	0.0567	0.0194	0.0089	50.33	58.33	119.75	0.00	-0.84	-1.11	15.0
59583	2956.5	442.6	-6.6	-245.2	170.0	-40.0	0.0567	0.0194	0.0089	53.66	77.95	122.41	0.00	-1.13	-1.13	15.0
59584	2963.5	453.4	-1.4	-273.2	173.5	-33.1	0.0567	0.0194	0.0089	53.56	98.30	166.11	0.00	-1.51	-1.51	15.0
59585	3526.0	701.0	597.1	-220.9	768.8	-54.4	0.0567	0.0263	0.0134	65.84	142.18	278.47	0.00	-3.05	-3.33	0.0
59586	3550.8	721.8	613.5	-241.6	785.0	-63.3	0.0567	0.0263	0.0134	70.81	71.67	160.97	0.00	-1.21	-1.96	15.0
59587	1581.4	50.7	-119.4	170.1	630.6	-86.2	0.0137	0.0089	0.0089	131.55	201.44	201.44	0.00	-1.72	-2.17	0.0
59588	1584.1	49.9	-127.5	-348.5	668.8	72.0	0.0137	0.0089	0.0089	136.40	208.87	208.87	0.00	-1.79	-2.30	0.0
59589	1737.3	93.9	-130.3	160.1	517.3	-87.8	0.0357	0.0089	0.0089	52.62	210.49	210.49	0.00	-1.76	-2.19	0.0
59590	1745.5	94.3	-121.3	-317.6	550.4	65.8	0.0357	0.0089	0.0089	54.31	217.22	217.22	0.00	-1.84	-2.27	0.0
59591	1842.0	147.2	-78.6	153.0	438.8	-86.1	0.0357	0.0089	0.0089	54.47	217.89	217.89	0.00	-1.77	-2.16	0.0
59592	1857.2	150.2	-52.5	-285.2	462.5	57.4	0.0357	0.0089	0.0089	55.99	223.97	223.97	0.00	-1.84	-2.20	0.0
59593	1875.7	234.3	132.8	157.5	436.4	-73.7	0.0357	0.0089	0.0089	55.66	222.64	222.64	0.00	-1.72	-2.01	0.0
59594	1893.6	247.1	167.3	-249.8	450.8	68.7	0.0357	0.0089	0.0089	56.88	227.51	227.51	0.00	-1.75	-2.04	0.0
59595	1474.9	313.0	427.1	203.5	248.4	-49.0	0.0357	0.0089	0.0089	43.62	174.49	174.49	0.00	-1.13	-1.33	0.0
59596	1469.1	328.1	457.9	-216.2	261.6	100.4	0.0357	0.0089	0.0089	43.68	174.72	174.72	0.00	-1.06	-1.37	0.0

Elemento	σ_{XX} [kPa]	σ_{YY} [kPa]	σ_{ZZ} [kPa]	τ_{XY} [kPa]	τ_{XZ} [kPa]	τ_{YZ} [kPa]	ρ_x [-]	ρ_y [-]	ρ_z [-]	σ_{sx} [MPa]	σ_{sy} [MPa]	σ_{sz} [MPa]	σ_{c1} [MPa]	σ_{c2} [MPa]	σ_{c3} [MPa]	$\Delta\theta$ [°]
59597	2445.3	65.1	-14.2	-363.2	128.2	42.5	0.0567	0.0194	0.0089	46.12	46.61	107.11	0.00	-0.90	-1.08	15.0
59598	2363.5	96.0	1.5	-365.6	57.7	34.6	0.0567	0.0194	0.0089	42.72	124.78	271.05	0.00	-2.36	-2.45	0.0
59599	2319.6	157.7	3.7	-256.8	49.1	-54.7	0.0346	0.0194	0.0089	67.88	121.12	263.09	0.00	-2.21	-2.37	0.0
59600	2322.9	238.8	-11.5	-208.6	112.1	-62.7	0.0346	0.0194	0.0089	67.84	121.04	262.91	0.00	-2.12	-2.38	0.0
59601	2632.6	88.4	-17.6	-289.7	98.1	53.8	0.0567	0.0194	0.0089	48.56	42.53	95.38	0.00	-0.78	-0.95	15.0
59602	2563.9	147.0	-0.8	-311.3	56.9	43.6	0.0567	0.0194	0.0089	47.50	46.71	107.64	0.00	-0.85	-1.00	15.0
59603	2523.1	217.0	2.9	-245.7	53.3	-50.5	0.0567	0.0194	0.0089	46.19	45.92	96.31	0.00	-0.76	-0.87	15.0
59604	2531.2	283.0	-13.8	-216.2	97.8	-60.3	0.0567	0.0194	0.0089	46.24	47.60	89.09	0.00	-0.71	-0.83	15.0
59605	2776.5	126.9	-11.2	-210.8	75.6	73.1	0.0567	0.0194	0.0089	50.37	36.79	79.15	0.00	-0.59	-0.79	15.0
59606	2734.2	223.0	8.1	-250.0	60.6	55.6	0.0567	0.0194	0.0089	49.93	45.49	101.07	0.00	-0.72	-0.93	15.0
59607	2708.6	300.7	14.4	-226.0	68.0	-46.9	0.0567	0.0194	0.0089	49.30	49.21	94.52	0.00	-0.73	-0.84	15.0
59608	2719.2	346.0	-7.7	-218.4	102.0	-69.4	0.0567	0.0194	0.0089	49.55	52.14	95.66	0.00	-0.73	-0.89	15.0
59609	2894.5	222.1	6.3	-124.0	84.7	91.9	0.0567	0.0194	0.0089	51.89	30.67	58.38	0.00	-0.34	-0.59	15.0
59610	2886.5	339.5	25.5	-189.6	82.1	-73.7	0.0567	0.0194	0.0089	52.18	49.39	94.55	0.00	-0.67	-0.84	15.0
59611	2905.0	416.7	31.0	-202.9	100.2	-63.6	0.0567	0.0194	0.0089	52.68	54.47	96.40	0.00	-0.70	-0.85	15.0
59612	2937.4	441.2	-0.4	-216.7	140.1	-68.9	0.0567	0.0194	0.0089	53.53	58.94	95.49	0.00	-0.77	-0.89	15.0
59613	3116.8	432.2	347.5	176.3	497.6	185.8	0.0567	0.0194	0.0089	59.50	91.29	172.64	0.00	-1.30	-1.50	15.0
59614	3195.3	550.5	425.5	146.3	563.2	137.7	0.0567	0.0263	0.0089	61.52	74.51	183.69	0.00	-1.39	-1.52	15.0
59615	3317.7	642.4	487.0	-145.9	632.1	-79.4	0.0567	0.0263	0.0089	64.47	83.66	196.29	0.00	-1.57	-1.59	15.0
59616	3440.6	683.3	550.8	-183.0	715.1	-51.9	0.0567	0.0263	0.0089	64.50	129.77	345.21	0.00	-2.74	-2.74	15.0
59617	1635.6	129.9	-40.3	-682.1	325.4	101.4	0.0357	0.0089	0.0089	54.14	216.56	216.56	0.00	-1.83	-2.25	0.0
59618	1520.5	206.7	14.6	-378.1	36.3	-25.0	0.0357	0.0089	0.0089	45.40	181.58	181.58	0.00	-1.51	-1.61	0.0
59619	1490.9	193.7	11.7	-214.6	30.3	-35.4	0.0137	0.0089	0.0089	111.54	170.80	170.80	0.00	-1.36	-1.52	0.0
59620	1522.5	99.6	-24.9	335.5	283.3	-115.3	0.0137	0.0089	0.0089	119.57	183.08	183.08	0.00	-1.48	-1.83	0.0
59621	1775.7	140.9	-43.6	-555.6	249.3	119.3	0.0357	0.0089	0.0089	55.04	220.17	220.17	0.00	-1.83	-2.20	0.0
59622	1659.4	221.1	15.2	-336.1	43.2	-30.6	0.0357	0.0089	0.0089	48.55	194.20	194.20	0.00	-1.59	-1.72	0.0
59623	1631.4	219.4	11.1	-211.0	37.9	-33.4	0.0357	0.0089	0.0089	46.53	186.14	186.14	0.00	-1.47	-1.66	0.0
59624	1673.6	144.8	-26.3	300.0	239.3	-104.5	0.0357	0.0089	0.0089	49.14	196.57	196.57	0.00	-1.58	-1.90	0.0
59625	1869.4	167.9	-37.3	-404.1	183.0	148.8	0.0357	0.0089	0.0089	55.15	220.59	220.59	0.00	-1.76	-2.15	0.0
59626	1745.9	236.4	30.8	-276.8	64.1	-47.1	0.0357	0.0089	0.0089	50.30	201.20	201.20	0.00	-1.60	-1.78	0.0
59627	1718.8	242.4	24.5	-197.9	66.5	-38.2	0.0357	0.0089	0.0089	48.90	195.59	195.59	0.00	-1.53	-1.73	0.0
59628	1771.9	204.3	-19.6	273.1	224.6	-108.1	0.0357	0.0089	0.0089	51.49	205.96	205.96	0.00	-1.61	-1.96	0.0
59629	1887.0	243.3	59.6	-229.7	146.0	204.6	0.0357	0.0089	0.0089	53.88	215.52	215.52	0.00	-1.56	-2.03	0.0
59630	1760.7	274.7	58.4	-202.9	106.0	-64.8	0.0357	0.0089	0.0089	50.23	200.91	200.91	0.00	-1.54	-1.76	0.0
59631	1734.5	280.0	52.3	-168.1	125.8	-51.3	0.0357	0.0089	0.0089	49.34	197.37	197.37	0.00	-1.50	-1.73	0.0
59632	1789.8	281.5	80.2	266.3	269.5	-110.8	0.0357	0.0089	0.0089	52.31	209.24	209.24	0.00	-1.55	-1.91	0.0
59633	1632.9	323.6	207.8	134.4	-168.7	225.5	0.0357	0.0089	0.0089	46.48	185.93	185.93	0.00	-1.16	-1.66	0.0
59634	1591.3	323.1	258.2	-177.7	-176.2	98.3	0.0357	0.0089	0.0089	45.92	183.68	183.68	0.00	-1.30	-1.46	0.0
59635	1540.9	333.8	285.9	210.1	-152.5	-82.3	0.0357	0.0089	0.0089	44.68	178.71	178.71	0.00	-1.26	-1.37	0.0
59636	1523.3	357.9	347.9	308.7	-109.3	-92.3	0.0357	0.0089	0.0089	45.13	180.51	180.51	0.00	-1.24	-1.37	0.0
59637	2509.6	20.2	-11.5	-89.2	195.7	-20.9	0.0567	0.0194	0.0089	45.24	46.55	93.52	0.00	-0.89	-0.89	15.0
59638	2504.4	55.9	-30.7	-245.4	183.5	28.7	0.0567	0.0194	0.0089	46.33	39.06	88.60	0.00	-0.73	-0.92	15.0
59639	2637.5	21.2	-17.7	-69.0	133.7	-24.0	0.0567	0.0194	0.0089	47.40	26.58	50.66	0.00	-0.50	-0.51	15.0
59640	2666.8	62.7	-33.7	-190.1	128.9	23.1	0.0567	0.0194	0.0089	48.50	33.37	75.20	0.00	-0.61	-0.76	15.0
59641	2736.1	25.8	-14.3	-47.6	95.9	-22.0	0.0567	0.0194	0.0089	48.73	24.80	48.72	0.00	-0.45	-0.48	15.0
59642	2782.3	67.8	-17.0	-134.1	89.7	23.0	0.0567	0.0194	0.0089	50.01	26.45	58.37	0.00	-0.46	-0.58	15.0
59643	2885.2	32.1	-3.4	35.4	-113.4	-33.8	0.0567	0.0194	0.0089	51.45	26.39	51.43	0.00	-0.46	-0.51	15.0
59644	2927.7	115.4	6.0	94.4	88.4	-56.3	0.0567	0.0194	0.0089	52.26	26.11	52.26	0.00	-0.36	-0.52	15.0
59645	3665.1	242.3	275.4	412.0	-473.0	92.8	0.0567	0.0263	0.0089	69.76	60.85	166.19	0.00	-1.19	-1.67	15.0
59646	3157.6	347.6	272.7	241.4	-426.4	163.4	0.0567	0.0194	0.0089	59.50	72.28	138.99	0.00	-0.87	-1.37	15.0
59647	1764.1	12.7	-28.4	-116.1	655.1	-56.9	0.0357	0.0089	0.0089	55.57	222.28	222.28	0.00	-1.98	-2.23	0.0
59648	1742.3	38.5	-123.0	-388.9	649.2	36.1	0.0357	0.0089	0.0089	56.29	225.16	225.16	0.00	-1.98	-2.40	0.0
59649	1856.6	15.0	-52.5	-95.1	465.2	-63.1	0.0357	0.0089	0.0089	55.11	220.43	220.43	0.00	-1.95	-2.14	0.0
59650	1870.3	45.2	-133.6	-308.6	473.4	27.1	0.0357	0.0089	0.0089	56.53	226.13	226.13	0.00	-1.99	-2.29	0.0
59651	1902.4	29.0	-54.5	-65.5	306.9	-58.1	0.0357	0.0089	0.0089	54.62	218.47	218.47	0.00	-1.91	-2.07	0.0
59652	1948.2	58.1	-93.6	-218.5	316.5	-29.4	0.0357	0.0089	0.0089	56.54	226.15	226.15	0.00	-1.99	-2.16	0.0
59653	1932.3	4.5	52.2	-40.0	-254.5	-48.1	0.0567	0.0089	0.0194	34.69	220.09	101.32	0.00	-1.90	-2.01	0.0
59654	1999.3	111.7	44.7	-95.8	195.9	78.3	0.0357	0.0089	0.0089	56.59	226.36	226.36	0.00	-1.86	-2.05	0.0
59655	2267.3	230.8	193.4	450.2	-376.1	65.5	0.0567	0.0158	0.0194	42.67	153.32	124.62	0.00	-2.14	-2.42	0.0
59656	1680.1	260.2	142.2	220.4	-294.5	155.7	0.0357	0.0089	0.0089	49.20	196.80	196.80	0.00	-1.39	-1.80	0.0