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Dataset-1

Test name	Carbon Felt Type	Carbon Felt Thickness (mm)	Carbon Felt Price（$/m^2）	Electrode Area（m^2/Cell）	Cell Number	Carbon Felt Price（$)	Negative Electrode/Bipolar Plate Structure (mm)	Postive Electrode/Bipolar Plate Structure (mm)	Electrode/Bipolar Plate Structure Price（$/m^2）	Electrode/Bipolar Plate Structure Price（$)	Bipolar Plate Type	Bipolar Plate Price（$/m^2）	Bipolar Plate Area（m^2/per cell）	Bipolar Plate Price（$)
VFB 20190322-1	CF Type 1	4.2	48.59	0.094	30	274.06	3.8	3.8	49.24	138.86	BP Type 1	16.90	0.161	84.35
VFB 20190322-2	CF Type 1	4.2	48.59	0.094	30	274.06	3.8	3.8	49.24	138.86	BP Type 1	16.90	0.161	84.35
VFB 20190321	CF Type 1	4.2	48.59	0.094	30	274.06	3.8	3.8	49.24	138.86	BP Type 1	16.90	0.161	84.35
VFB 20190416	CF Type 1	4.2	48.59	0.094	30	274.06	3.8	3.8	49.24	138.86	BP Type 1	16.90	0.161	84.35
VFB 20190415	CF Type 1	4.2	48.59	0.094	30	274.06	3.8	3.8	49.24	138.86	BP Type 1	16.90	0.161	84.35
VFB 20190423	CF Type 1	4.2	48.59	0.094	30	274.06	3.8	3.8	49.24	138.86	BP Type 1	16.90	0.161	84.35
VFB 20180920	CF Type 1	4.2	48.59	0.072	10	69.97	2.8	2.8	36.28	26.12	BP Type 1	16.90	0.12	22.31
VFB 20180920	CF Type 1	4.2	48.59	0.072	10	69.97	2.8	2.8	36.28	26.12	BP Type 1	16.90	0.12	22.31
VFB 20180920	CF Type 1	4.2	48.59	0.072	10	69.97	2.8	2.8	36.28	26.12	BP Type 1	16.90	0.12	22.31
VFB 20180920	CF Type 1	4.2	48.59	0.072	10	69.97	2.8	2.8	36.28	26.12	BP Type 1	16.90	0.12	22.31
VFB 20180920	CF Type 1	4.2	48.59	0.072	10	69.97	2.8	2.8	36.28	26.12	BP Type 1	16.90	0.12	22.31
VFB 20180920	CF Type 1	4.2	48.59	0.072	10	69.97	2.8	2.8	36.28	26.12	BP Type 1	16.90	0.12	22.31
VFB 20180920	CF Type 1	4.2	48.59	0.072	10	69.97	2.8	2.8	36.28	26.12	BP Type 1	16.90	0.12	22.31
VFB 20180920	CF Type 1	4.2	48.59	0.072	10	69.97	2.8	2.8	36.28	26.12	BP Type 1	16.90	0.12	22.31
VFB 20180920	CF Type 1	4.2	48.59	0.072	10	69.97	2.8	2.8	36.28	26.12	BP Type 1	16.90	0.12	22.31
VFB 20180920	CF Type 1	4.2	48.59	0.072	10	69.97	2.8	2.8	36.28	26.12	BP Type 1	16.90	0.12	22.31
VFB 20180920	CF Type 1	4.2	48.59	0.072	10	69.97	2.8	2.8	36.28	26.12	BP Type 1	16.90	0.12	22.31
VFB 20180920	CF Type 1	4.2	48.59	0.072	10	69.97	2.8	2.8	36.28	26.12	BP Type 1	16.90	0.12	22.31
VFB 20180920	CF Type 1	4.2	48.59	0.072	10	69.97	2.8	2.8	36.28	26.12	BP Type 1	16.90	0.12	22.31
VFB 20181229	CF Type 1	4.2	48.59	0.047	4	18.27	3.0	3.0	38.87	7.31	BP Type 1	16.90	0.12	10.14
VFB 20181229	CF Type 1	4.2	48.59	0.047	4	18.27	3.0	3.0	38.87	7.31	BP Type 1	16.90	0.12	10.14
VFB 20181229	CF Type 1	4.2	48.59	0.047	4	18.27	3.0	3.0	38.87	7.31	BP Type 1	16.90	0.12	10.14
VFB 20181229	CF Type 1	4.2	48.59	0.047	4	18.27	3.0	3.0	38.87	7.31	BP Type 1	16.90	0.12	10.14
VFB 20181229	CF Type 1	4.2	48.59	0.047	4	18.27	3.0	3.0	38.87	7.31	BP Type 1	16.90	0.12	10.14
VFB 20181229	CF Type 1	4.2	48.59	0.047	4	18.27	3.0	3.0	38.87	7.31	BP Type 1	16.90	0.12	10.14
VFB 20181229	CF Type 1	4.2	48.59	0.047	4	18.27	3.0	3.0	38.87	7.31	BP Type 1	16.90	0.12	10.14
VFB 20181229	CF Type 1	4.2	48.59	0.047	4	18.27	3.0	3.0	38.87	7.31	BP Type 1	16.90	0.12	10.14
VFB 20181229	CF Type 1	4.2	48.59	0.047	4	18.27	3.0	3.0	38.87	7.31	BP Type 1	16.90	0.12	10.14
VFB 20181229	CF Type 1	4.2	48.59	0.047	4	18.27	3.0	3.0	38.87	7.31	BP Type 1	16.90	0.12	10.14
VFB 20181229	CF Type 1	4.2	48.59	0.047	4	18.27	3.0	3.0	38.87	7.31	BP Type 1	16.90	0.12	10.14
VFB 20181229	CF Type 1	4.2	48.59	0.047	4	18.27	3.0	3.0	38.87	7.31	BP Type 1	16.90	0.12	10.14
VFB 20181229	CF Type 1	4.2	48.59	0.047	4	18.27	3.0	3.0	38.87	7.31	BP Type 1	16.90	0.12	10.14
VFB 20181229	CF Type 1	4.2	48.59	0.047	4	18.27	3.0	3.0	38.87	7.31	BP Type 1	16.90	0.12	10.14

VFB 20181229	CF Type 1	4.2	48.59	0.047	4	18.27	3.0	3.0	38.87	7.31	BP Type 1	16.90	0.12	10.14
VFB 20190123	CF Type 1	4.2	48.59	0.055	5	26.73	2.5	2.5	32.39	8.91	BP Type 1	16.90	0.12	12.17
VFB 20190123	CF Type 1	4.2	48.59	0.055	5	26.73	2.5	2.5	32.39	8.91	BP Type 1	16.90	0.12	12.17
VFB 20190123	CF Type 1	4.2	48.59	0.055	5	26.73	2.5	2.5	32.39	8.91	BP Type 1	16.90	0.12	12.17
VFB 20190123	CF Type 1	4.2	48.59	0.055	5	26.73	2.5	2.5	32.39	8.91	BP Type 1	16.90	0.12	12.17
VFB 20190123	CF Type 1	4.2	48.59	0.055	5	26.73	2.5	2.5	32.39	8.91	BP Type 1	16.90	0.12	12.17
VFB 20190123	CF Type 1	4.2	48.59	0.055	5	26.73	2.5	2.5	32.39	8.91	BP Type 1	16.90	0.12	12.17
VFB 20190123	CF Type 1	4.2	48.59	0.055	5	26.73	2.5	2.5	32.39	8.91	BP Type 1	16.90	0.12	12.17
VFB 20190123	CF Type 1	4.2	48.59	0.055	5	26.73	2.5	2.5	32.39	8.91	BP Type 1	16.90	0.12	12.17
VFB 20190123	CF Type 1	4.2	48.59	0.055	5	26.73	2.5	2.5	32.39	8.91	BP Type 1	16.90	0.12	12.17
VFB 20190123	CF Type 1	4.2	48.59	0.055	5	26.73	2.5	2.5	32.39	8.91	BP Type 1	16.90	0.12	12.17
VFB 20190123	CF Type 1	4.2	48.59	0.055	5	26.73	2.5	2.5	32.39	8.91	BP Type 1	16.90	0.12	12.17
VFB 20190123	CF Type 1	4.2	48.59	0.055	5	26.73	2.5	2.5	32.39	8.91	BP Type 1	16.90	0.12	12.17
VFB 20190123	CF Type 1	4.2	48.59	0.055	5	26.73	2.5	2.5	32.39	8.91	BP Type 1	16.90	0.12	12.17
VFB 20190123	CF Type 1	4.2	48.59	0.055	5	26.73	2.5	2.5	32.39	8.91	BP Type 1	16.90	0.12	12.17
VFB 20190123	CF Type 1	4.2	48.59	0.055	5	26.73	2.5	2.5	32.39	8.91	BP Type 1	16.90	0.12	12.17
VFB 20190129	CF Type 1	4.2	48.59	0.055	5	26.73	3.0	3.0	38.87	10.69	BP Type 1	16.90	0.12	12.17
VFB 20190129	CF Type 1	4.2	48.59	0.055	5	26.73	3.0	3.0	38.87	10.69	BP Type 1	16.90	0.12	12.17
VFB 20190129	CF Type 1	4.2	48.59	0.055	5	26.73	3.0	3.0	38.87	10.69	BP Type 1	16.90	0.12	12.17
VFB 20190129	CF Type 1	4.2	48.59	0.055	5	26.73	3.0	3.0	38.87	10.69	BP Type 1	16.90	0.12	12.17
VFB 20190129	CF Type 1	4.2	48.59	0.055	5	26.73	3.0	3.0	38.87	10.69	BP Type 1	16.90	0.12	12.17
VFB 20190129	CF Type 1	4.2	48.59	0.055	5	26.73	3.0	3.0	38.87	10.69	BP Type 1	16.90	0.12	12.17
VFB 20190129	CF Type 1	4.2	48.59	0.055	5	26.73	3.0	3.0	38.87	10.69	BP Type 1	16.90	0.12	12.17
VFB 20190129	CF Type 1	4.2	48.59	0.055	5	26.73	3.0	3.0	38.87	10.69	BP Type 1	16.90	0.12	12.17
VFB 20190129	CF Type 1	4.2	48.59	0.055	5	26.73	3.0	3.0	38.87	10.69	BP Type 1	16.90	0.12	12.17
VFB 20190129	CF Type 1	4.2	48.59	0.055	5	26.73	3.0	3.0	38.87	10.69	BP Type 1	16.90	0.12	12.17
VFB 20190129	CF Type 1	4.2	48.59	0.055	5	26.73	3.0	3.0	38.87	10.69	BP Type 1	16.90	0.12	12.17
VFB 20190110	CF Type 1	4.2	48.59	0.056	4	21.77	2.5	2.5	32.39	7.26	BP Type 1	16.90	0.12	10.14
VFB 20190110	CF Type 1	4.2	48.59	0.056	4	21.77	2.5	2.5	32.39	7.26	BP Type 1	16.90	0.12	10.14
VFB 20190110	CF Type 1	4.2	48.59	0.056	4	21.77	2.5	2.5	32.39	7.26	BP Type 1	16.90	0.12	10.14
VFB 20190110	CF Type 1	4.2	48.59	0.056	4	21.77	2.5	2.5	32.39	7.26	BP Type 1	16.90	0.12	10.14
VFB 20190110	CF Type 1	4.2	48.59	0.056	4	21.77	2.5	2.5	32.39	7.26	BP Type 1	16.90	0.12	10.14
VFB 20190110	CF Type 1	4.2	48.59	0.056	4	21.77	2.5	2.5	32.39	7.26	BP Type 1	16.90	0.12	10.14
VFB 20190110	CF Type 1	4.2	48.59	0.056	4	21.77	2.5	2.5	32.39	7.26	BP Type 1	16.90	0.12	10.14
VFB 20190110	CF Type 1	4.2	48.59	0.056	4	21.77	2.5	2.5	32.39	7.26	BP Type 1	16.90	0.12	10.14
VFB 20190110	CF Type 1	4.2	48.59	0.056	4	21.77	2.5	2.5	32.39	7.26	BP Type 1	16.90	0.12	10.14
VFB 20190110	CF Type 1	4.2	48.59	0.056	4	21.77	2.5	2.5	32.39	7.26	BP Type 1	16.90	0.12	10.14
VFB 20190110	CF Type 1	4.2	48.59	0.056	4	21.77	2.5	2.5	32.39	7.26	BP Type 1	16.90	0.12	10.14
VFB 20190110	CF Type 1	4.2	48.59	0.056	4	21.77	2.5	2.5	32.39	7.26	BP Type 1	16.90	0.12	10.14

VFB 20190110	CF Type 1	4.2	48.59	0.056	4	21.77	2.5	2.5	32.39	7.26	BP Type 1	16.90	0.12	10.14
VFB 20190306	CF Type 1	4.2	48.59	0.063	5	30.61	2.5	2.5	32.39	10.20	BP Type 2	140.85	0.12	101.41
VFB 20190306	CF Type 1	4.2	48.59	0.063	5	30.61	2.5	2.5	32.39	10.20	BP Type 2	140.85	0.12	101.41
VFB 20190306	CF Type 1	4.2	48.59	0.063	5	30.61	2.5	2.5	32.39	10.20	BP Type 2	140.85	0.12	101.41
VFB 20190306	CF Type 1	4.2	48.59	0.063	5	30.61	2.5	2.5	32.39	10.20	BP Type 2	140.85	0.12	101.41
VFB 20190306	CF Type 1	4.2	48.59	0.063	5	30.61	2.5	2.5	32.39	10.20	BP Type 2	140.85	0.12	101.41
VFB 20190306	CF Type 1	4.2	48.59	0.063	5	30.61	2.5	2.5	32.39	10.20	BP Type 2	140.85	0.12	101.41
VFB 20190306	CF Type 1	4.2	48.59	0.063	5	30.61	2.5	2.5	32.39	10.20	BP Type 2	140.85	0.12	101.41
VFB 20190306	CF Type 1	4.2	48.59	0.063	5	30.61	2.5	2.5	32.39	10.20	BP Type 2	140.85	0.12	101.41
VFB 20190306	CF Type 1	4.2	48.59	0.063	5	30.61	2.5	2.5	32.39	10.20	BP Type 2	140.85	0.12	101.41
VFB 20190306	CF Type 1	4.2	48.59	0.063	5	30.61	2.5	2.5	32.39	10.20	BP Type 2	140.85	0.12	101.41
VFB 20190306	CF Type 1	4.2	48.59	0.063	5	30.61	2.5	2.5	32.39	10.20	BP Type 2	140.85	0.12	101.41
VFB 20190306	CF Type 1	4.2	48.59	0.063	5	30.61	2.5	2.5	32.39	10.20	BP Type 2	140.85	0.12	101.41
VFB 20190306	CF Type 1	4.2	48.59	0.063	5	30.61	2.5	2.5	32.39	10.20	BP Type 2	140.85	0.12	101.41
VFB 20190306	CF Type 1	4.2	48.59	0.063	5	30.61	2.5	2.5	32.39	10.20	BP Type 2	140.85	0.12	101.41
VFB 20190306	CF Type 1	4.2	48.59	0.063	5	30.61	2.5	2.5	32.39	10.20	BP Type 2	140.85	0.12	101.41
VFB 20190306	CF Type 1	4.2	48.59	0.063	5	30.61	2.5	2.5	32.39	10.20	BP Type 2	140.85	0.12	101.41
VFB 20190306	CF Type 1	4.2	48.59	0.063	5	30.61	2.5	2.5	32.39	10.20	BP Type 2	140.85	0.12	101.41
VFB 20190126	CF Type 1	4.2	48.59	0.063	5	30.61	2.8	2.8	36.28	11.43	BP Type 1	16.90	0.12	12.17
VFB 20190126	CF Type 1	4.2	48.59	0.063	5	30.61	2.8	2.8	36.28	11.43	BP Type 1	16.90	0.12	12.17
VFB 20190126	CF Type 1	4.2	48.59	0.063	5	30.61	2.8	2.8	36.28	11.43	BP Type 1	16.90	0.12	12.17
VFB 20190126	CF Type 1	4.2	48.59	0.063	5	30.61	2.8	2.8	36.28	11.43	BP Type 1	16.90	0.12	12.17
VFB 20190126	CF Type 1	4.2	48.59	0.063	5	30.61	2.8	2.8	36.28	11.43	BP Type 1	16.90	0.12	12.17
VFB 20190126	CF Type 1	4.2	48.59	0.063	5	30.61	2.8	2.8	36.28	11.43	BP Type 1	16.90	0.12	12.17
VFB 20190126	CF Type 1	4.2	48.59	0.063	5	30.61	2.8	2.8	36.28	11.43	BP Type 1	16.90	0.12	12.17
VFB 20190126	CF Type 1	4.2	48.59	0.063	5	30.61	2.8	2.8	36.28	11.43	BP Type 1	16.90	0.12	12.17
VFB 20190126	CF Type 1	4.2	48.59	0.063	5	30.61	2.8	2.8	36.28	11.43	BP Type 1	16.90	0.12	12.17
VFB 20190126	CF Type 1	4.2	48.59	0.063	5	30.61	2.8	2.8	36.28	11.43	BP Type 1	16.90	0.12	12.17
VFB 20190126	CF Type 1	4.2	48.59	0.063	5	30.61	2.8	2.8	36.28	11.43	BP Type 1	16.90	0.12	12.17
VFB 20190126	CF Type 1	4.2	48.59	0.063	5	30.61	2.8	2.8	36.28	11.43	BP Type 1	16.90	0.12	12.17
VFB 20190703	CF Type 1	4.4	50.70	0.09	5	45.63	3.8	3.8	49.24	22.16	BP Type 1	16.90	0.161	16.33
VFB 20190703	CF Type 1	4.4	50.70	0.09	5	45.63	3.8	3.8	49.24	22.16	BP Type 1	16.90	0.161	16.33
VFB 20190703	CF Type 1	4.4	50.70	0.09	5	45.63	3.8	3.8	49.24	22.16	BP Type 1	16.90	0.161	16.33
VFB 20190703	CF Type 1	4.4	50.70	0.09	5	45.63	3.8	3.8	49.24	22.16	BP Type 1	16.90	0.161	16.33
VFB 20190703	CF Type 1	4.4	50.70	0.09	5	45.63	3.8	3.8	49.24	22.16	BP Type 1	16.90	0.161	16.33
VFB 20190703	CF Type 1	4.4	50.70	0.09	5	45.63	3.8	3.8	49.24	22.16	BP Type 1	16.90	0.161	16.33
VFB 20190703	CF Type 1	4.4	50.70	0.09	5	45.63	3.8	3.8	49.24	22.16	BP Type 1	16.90	0.161	16.33

VFB 20190703	CF Type 1	4.4	50.70	0.09	5	45.63	3.8	3.8	49.24	22.16	BP Type 1	16.90	0.161	16.33
VFB 20190703	CF Type 1	4.4	50.70	0.09	5	45.63	3.8	3.8	49.24	22.16	BP Type 1	16.90	0.161	16.33
VFB 20190703	CF Type 1	4.4	50.70	0.09	5	45.63	3.8	3.8	49.24	22.16	BP Type 1	16.90	0.161	16.33
VFB 20190703	CF Type 1	4.4	50.70	0.09	5	45.63	3.8	3.8	49.24	22.16	BP Type 1	16.90	0.161	16.33
VFB 20190703	CF Type 1	4.4	50.70	0.09	5	45.63	3.8	3.8	49.24	22.16	BP Type 1	16.90	0.161	16.33
VFB 20190703	CF Type 1	4.4	50.70	0.09	5	45.63	3.8	3.8	49.24	22.16	BP Type 1	16.90	0.161	16.33
VFB 20190703	CF Type 1	4.4	50.70	0.09	5	45.63	3.8	3.8	49.24	22.16	BP Type 1	16.90	0.161	16.33
VFB 20190703	CF Type 1	4.4	50.70	0.09	5	45.63	3.8	3.8	49.24	22.16	BP Type 1	16.90	0.161	16.33
VFB 20190703	CF Type 1	4.4	50.70	0.09	5	45.63	3.8	3.8	49.24	22.16	BP Type 1	16.90	0.161	16.33
VFB 20190703	CF Type 1	4.4	50.70	0.09	5	45.63	3.8	3.8	49.24	22.16	BP Type 1	16.90	0.161	16.33
VFB 20190703	CF Type 1	4.4	50.70	0.09	5	45.63	3.8	3.8	49.24	22.16	BP Type 1	16.90	0.161	16.33
VFB 20190708	CF Type 1	4.4	50.70	0.09	5	45.63	4.0	4.0	51.83	23.32	BP Type 1	16.90	0.161	16.33
VFB 20190708	CF Type 1	4.4	50.70	0.09	5	45.63	4.0	4.0	51.83	23.32	BP Type 1	16.90	0.161	16.33
VFB 20190708	CF Type 1	4.4	50.70	0.09	5	45.63	4.0	4.0	51.83	23.32	BP Type 1	16.90	0.161	16.33
VFB 20190708	CF Type 1	4.4	50.70	0.09	5	45.63	4.0	4.0	51.83	23.32	BP Type 1	16.90	0.161	16.33
VFB 20190708	CF Type 1	4.4	50.70	0.09	5	45.63	4.0	4.0	51.83	23.32	BP Type 1	16.90	0.161	16.33
VFB 20190708	CF Type 1	4.4	50.70	0.09	5	45.63	4.0	4.0	51.83	23.32	BP Type 1	16.90	0.161	16.33
VFB 20190708	CF Type 1	4.4	50.70	0.09	5	45.63	4.0	4.0	51.83	23.32	BP Type 1	16.90	0.161	16.33
VFB 20190708	CF Type 1	4.4	50.70	0.09	5	45.63	4.0	4.0	51.83	23.32	BP Type 1	16.90	0.161	16.33
VFB 20190708	CF Type 1	4.4	50.70	0.09	5	45.63	4.0	4.0	51.83	23.32	BP Type 1	16.90	0.161	16.33
VFB 20190708	CF Type 1	4.4	50.70	0.09	5	45.63	4.0	4.0	51.83	23.32	BP Type 1	16.90	0.161	16.33
VFB 20190708	CF Type 1	4.4	50.70	0.09	5	45.63	4.0	4.0	51.83	23.32	BP Type 1	16.90	0.161	16.33
VFB 20190708	CF Type 1	4.4	50.70	0.09	5	45.63	4.0	4.0	51.83	23.32	BP Type 1	16.90	0.161	16.33
VFB 20190708	CF Type 1	4.4	50.70	0.09	5	45.63	4.0	4.0	51.83	23.32	BP Type 1	16.90	0.161	16.33
VFB 20190225	CF Type 1	4.2	48.59	0.094	10	91.35	3.8	3.8	49.24	46.29	BP Type 1	16.90	0.161	29.93
VFB 20190225	CF Type 1	4.2	48.59	0.094	10	91.35	3.8	3.8	49.24	46.29	BP Type 1	16.90	0.161	29.93
VFB 20190225	CF Type 1	4.2	48.59	0.094	10	91.35	3.8	3.8	49.24	46.29	BP Type 1	16.90	0.161	29.93
VFB 20190225	CF Type 1	4.2	48.59	0.094	10	91.35	3.8	3.8	49.24	46.29	BP Type 1	16.90	0.161	29.93
VFB 20190225	CF Type 1	4.2	48.59	0.094	10	91.35	3.8	3.8	49.24	46.29	BP Type 1	16.90	0.161	29.93
VFB 20190225	CF Type 1	4.2	48.59	0.094	10	91.35	3.8	3.8	49.24	46.29	BP Type 1	16.90	0.161	29.93
VFB 20190225	CF Type 1	4.2	48.59	0.094	10	91.35	3.8	3.8	49.24	46.29	BP Type 1	16.90	0.161	29.93
VFB 20190225	CF Type 1	4.2	48.59	0.094	10	91.35	3.8	3.8	49.24	46.29	BP Type 1	16.90	0.161	29.93
VFB 20190225	CF Type 1	4.2	48.59	0.094	10	91.35	3.8	3.8	49.24	46.29	BP Type 1	16.90	0.161	29.93
VFB 20190225	CF Type 1	4.2	48.59	0.094	10	91.35	3.8	3.8	49.24	46.29	BP Type 1	16.90	0.161	29.93
VFB 20190225	CF Type 1	4.2	48.59	0.094	10	91.35	3.8	3.8	49.24	46.29	BP Type 1	16.90	0.161	29.93
VFB 20190225	CF Type 1	4.2	48.59	0.094	10	91.35	3.8	3.8	49.24	46.29	BP Type 1	16.90	0.161	29.93
VFB 20190225	CF Type 1	4.2	48.59	0.094	10	91.35	3.8	3.8	49.24	46.29	BP Type 1	16.90	0.161	29.93

VFB 20190225	CF Type 1	4.2	48.59	0.094	10	91.35	3.8	3.8	49.24	46.29	BP Type 1	16.90	0.161	29.93
VFB 20190225	CF Type 1	4.2	48.59	0.094	10	91.35	3.8	3.8	49.24	46.29	BP Type 1	16.90	0.161	29.93
VFB 20190225	CF Type 1	4.2	48.59	0.094	10	91.35	3.8	3.8	49.24	46.29	BP Type 1	16.90	0.161	29.93
VFB 20190225	CF Type 1	4.2	48.59	0.094	10	91.35	3.8	3.8	49.24	46.29	BP Type 1	16.90	0.161	29.93
VFB 20190225	CF Type 1	4.2	48.59	0.094	10	91.35	3.8	3.8	49.24	46.29	BP Type 1	16.90	0.161	29.93
VFB 20190225	CF Type 1	4.2	48.59	0.094	10	91.35	3.8	3.8	49.24	46.29	BP Type 1	16.90	0.161	29.93
VFB 20190225	CF Type 1	4.2	48.59	0.094	10	91.35	3.8	3.8	49.24	46.29	BP Type 1	16.90	0.161	29.93
VFB 20200506	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200506	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200506	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200506	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200506	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200506	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200506	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200506	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200506	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200506	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200506	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200506	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200506	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200506	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200506	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200509	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200509	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200509	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200509	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200509	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200509	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200509	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200509	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200509	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200509	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200509	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200509	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200509	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200509	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33

VFB 20200509	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200509	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200509	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200509	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200509	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200509	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200509	CF Type 2	4.0	320.42	0.094	5	301.20	4.0	4.0	51.83	24.36	BP Type 1	16.90	0.161	16.33
VFB 20200311	CF Type 1	4.4	50.70	0.094	5	47.66	3.6	3.6	46.65	21.92	BP Type 2	140.85	0.161	136.06
VFB 20200311	CF Type 1	4.4	50.70	0.094	5	47.66	3.6	3.6	46.65	21.92	BP Type 2	140.85	0.161	136.06
VFB 20200311	CF Type 1	4.4	50.70	0.094	5	47.66	3.6	3.6	46.65	21.92	BP Type 2	140.85	0.161	136.06
VFB 20200311	CF Type 1	4.4	50.70	0.094	5	47.66	3.6	3.6	46.65	21.92	BP Type 2	140.85	0.161	136.06
VFB 20200311	CF Type 1	4.4	50.70	0.094	5	47.66	3.6	3.6	46.65	21.92	BP Type 2	140.85	0.161	136.06
VFB 20200311	CF Type 1	4.4	50.70	0.094	5	47.66	3.6	3.6	46.65	21.92	BP Type 2	140.85	0.161	136.06
VFB 20200311	CF Type 1	4.4	50.70	0.094	5	47.66	3.6	3.6	46.65	21.92	BP Type 2	140.85	0.161	136.06
VFB 20200311	CF Type 1	4.4	50.70	0.094	5	47.66	3.6	3.6	46.65	21.92	BP Type 2	140.85	0.161	136.06
VFB 20200311	CF Type 1	4.4	50.70	0.094	5	47.66	3.6	3.6	46.65	21.92	BP Type 2	140.85	0.161	136.06
VFB 20200311	CF Type 1	4.4	50.70	0.094	5	47.66	3.6	3.6	46.65	21.92	BP Type 2	140.85	0.161	136.06
VFB 20200311	CF Type 1	4.4	50.70	0.094	5	47.66	3.6	3.6	46.65	21.92	BP Type 2	140.85	0.161	136.06
VFB 20200311	CF Type 1	4.4	50.70	0.094	5	47.66	3.6	3.6	46.65	21.92	BP Type 2	140.85	0.161	136.06
VFB 20200311	CF Type 1	4.4	50.70	0.094	5	47.66	3.6	3.6	46.65	21.92	BP Type 2	140.85	0.161	136.06
VFB 20200311	CF Type 1	4.4	50.70	0.094	5	47.66	3.6	3.6	46.65	21.92	BP Type 2	140.85	0.161	136.06
VFB 20200311	CF Type 1	4.4	50.70	0.094	5	47.66	3.6	3.6	46.65	21.92	BP Type 2	140.85	0.161	136.06
VFB 20200311	CF Type 1	4.4	50.70	0.094	5	47.66	3.6	3.6	46.65	21.92	BP Type 2	140.85	0.161	136.06
VFB 20200311	CF Type 1	4.4	50.70	0.094	5	47.66	3.6	3.6	46.65	21.92	BP Type 2	140.85	0.161	136.06
VFB 20200311	CF Type 1	4.4	50.70	0.094	5	47.66	3.6	3.6	46.65	21.92	BP Type 2	140.85	0.161	136.06
VFB 20200311	CF Type 1	4.4	50.70	0.094	5	47.66	3.6	3.6	46.65	21.92	BP Type 2	140.85	0.161	136.06
VFB 20200311	CF Type 1	4.4	50.70	0.094	5	47.66	3.6	3.6	46.65	21.92	BP Type 2	140.85	0.161	136.06
VFB 20200311	CF Type 1	4.4	50.70	0.094	5	47.66	3.6	3.6	46.65	21.92	BP Type 2	140.85	0.161	136.06
VFB 20200311	CF Type 1	4.4	50.70	0.094	5	47.66	3.6	3.6	46.65	21.92	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06

VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06
VFB 20200519	CF Type 1	4.4	50.70	0.094	5	47.66	3.8	3.8	49.24	23.14	BP Type 2	140.85	0.161	136.06

End-Plate Type	End-Plate Price（$）	Seal Type	Seal Price（$/Cell）	Seal Price（$）	Membrane Type	Membrane Price（$/m2）	Membrane Area（m^2）	Membrane Price（$）	Flow Field Type	Frame Price（$）	Stack Price（$）	Electrolyte Concentration (mol/L)	Electrolyte Price（$/L）	Electrolyte Volume (L)
1000 End-Plate	554.37	S Type 1	3.10	371.83	M Tpye 1	84.51	4.83	408.17	FF Type 1	281.70	2236.65	1.65	3.38	70
1000 End-Plate	554.37	S Type 1	3.10	371.83	M Tpye 1	84.51	4.83	408.17	FF Type 1	281.70	2236.65	1.65	3.38	70
1000 End-Plate	554.37	S Type 1	3.10	371.83	M Tpye 1	84.51	4.83	408.17	FF Type 1	281.70	2236.65	1.65	3.38	70
1000 End-Plate	554.37	S Type 1	3.10	371.83	M Tpye 1	84.51	4.83	408.17	FF Type 1	281.70	2236.65	1.65	3.38	75
1000 End-Plate	554.37	S Type 1	3.10	371.83	M Tpye 1	84.51	4.83	408.17	FF Type 1	281.70	2236.65	1.65	3.38	75
1000 End-Plate	554.37	S Type 1	3.10	371.83	M Tpye 1	84.51	4.83	408.17	FF Type 1	281.70	2236.65	1.65	3.38	75
875 End-Plate	199.44	S Type 1	3.10	123.94	M Tpye 1	84.51	1.20	101.41	FF Type 2	93.90	708.19	1.65	3.38	20
875 End-Plate	199.44	S Type 1	3.10	123.94	M Tpye 1	84.51	1.20	101.41	FF Type 2	93.90	708.19	1.65	3.38	20
875 End-Plate	199.44	S Type 1	3.10	123.94	M Tpye 1	84.51	1.20	101.41	FF Type 2	93.90	708.19	1.65	3.38	20
875 End-Plate	199.44	S Type 1	3.10	123.94	M Tpye 1	84.51	1.20	101.41	FF Type 2	93.90	708.19	1.65	3.38	20
875 End-Plate	199.44	S Type 1	3.10	123.94	M Tpye 1	84.51	1.20	101.41	FF Type 2	93.90	708.19	1.65	3.38	20
875 End-Plate	199.44	S Type 1	3.10	123.94	M Tpye 1	84.51	1.20	101.41	FF Type 2	93.90	708.19	1.65	3.38	20
875 End-Plate	199.44	S Type 1	3.10	123.94	M Tpye 1	84.51	1.20	101.41	FF Type 2	93.90	708.19	1.65	3.38	20
875 End-Plate	199.44	S Type 1	3.10	123.94	M Tpye 1	84.51	1.20	101.41	FF Type 2	93.90	708.19	1.65	3.38	20
875 End-Plate	199.44	S Type 1	3.10	123.94	M Tpye 1	84.51	1.20	101.41	FF Type 2	93.90	708.19	1.65	3.38	20
875 End-Plate	199.44	S Type 1	3.10	123.94	M Tpye 1	84.51	1.20	101.41	FF Type 2	93.90	708.19	1.65	3.38	20
875 End-Plate	199.44	S Type 1	3.10	123.94	M Tpye 1	84.51	1.20	101.41	FF Type 2	93.90	708.19	1.65	3.38	20
875 End-Plate	199.44	S Type 1	3.10	123.94	M Tpye 1	84.51	1.20	101.41	FF Type 2	93.90	708.19	1.65	3.38	20
875 End-Plate	199.44	S Type 1	3.10	123.94	M Tpye 1	84.51	1.20	101.41	FF Type 2	93.90	708.19	1.65	3.38	20
875 End-Plate	199.44	S Type 1	3.10	123.94	M Tpye 1	84.51	1.20	101.41	FF Type 2	93.90	708.19	1.65	3.38	20
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	18.78	424.64	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	18.78	424.64	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	18.78	424.64	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	18.78	424.64	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	18.78	424.64	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	18.78	424.64	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	18.78	424.64	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	18.78	424.64	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	18.78	424.64	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	18.78	424.64	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	18.78	424.64	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	18.78	424.64	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	18.78	424.64	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	18.78	424.64	1.65	3.38	15

875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	18.78	424.64	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	458.93	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	458.93	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	458.93	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	458.93	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	458.93	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	458.93	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	458.93	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	458.93	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	458.93	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	458.93	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	458.93	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	458.93	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	458.93	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	458.93	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	460.72	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	460.72	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	460.72	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	460.72	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	460.72	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	460.72	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	460.72	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	460.72	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	460.72	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	460.72	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	25.04	434.35	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	25.04	434.35	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	25.04	434.35	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	25.04	434.35	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	25.04	434.35	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	25.04	434.35	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	25.04	434.35	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	25.04	434.35	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	25.04	434.35	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	25.04	434.35	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	25.04	434.35	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	25.04	434.35	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	25.04	434.35	1.65	3.38	15

875 End-Plate	199.44	S Type 2	1.41	22.54	M Tpye 1	84.51	0.48	40.56	FF Type 1	25.04	434.35	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	508.74	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	508.74	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	508.74	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	508.74	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	508.74	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	508.74	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	508.74	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	508.74	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	508.74	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	508.74	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	508.74	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	508.74	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	508.74	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	508.74	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	508.74	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	508.74	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	465.34	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	465.34	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	465.34	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	465.34	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	465.34	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	465.34	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	465.34	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	465.34	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	465.34	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	465.34	1.65	3.38	15
875 End-Plate	199.44	S Type 2	1.41	28.17	M Tpye 1	84.51	0.60	50.70	FF Type 1	31.30	465.34	1.65	3.38	15
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	776.64	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	776.64	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	776.64	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	776.64	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	776.64	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	776.64	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	776.64	1.65	3.38	20

1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	776.64	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	776.64	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	776.64	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	776.64	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	776.64	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	776.64	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	776.64	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	776.64	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	776.64	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	776.64	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	776.64	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	777.80	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	777.80	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	777.80	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	777.80	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	777.80	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	777.80	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	777.80	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	777.80	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	777.80	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	777.80	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	777.80	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	123.94	M Tpye 1	84.51	1.61	136.06	FF Type 1	93.90	996.22	1.65	3.38	30
1000 End-Plate	334.65	S Type 1	3.10	123.94	M Tpye 1	84.51	1.61	136.06	FF Type 1	93.90	996.22	1.65	3.38	30
1000 End-Plate	334.65	S Type 1	3.10	123.94	M Tpye 1	84.51	1.61	136.06	FF Type 1	93.90	996.22	1.65	3.38	30
1000 End-Plate	334.65	S Type 1	3.10	123.94	M Tpye 1	84.51	1.61	136.06	FF Type 1	93.90	996.22	1.65	3.38	30
1000 End-Plate	334.65	S Type 1	3.10	123.94	M Tpye 1	84.51	1.61	136.06	FF Type 1	93.90	996.22	1.65	3.38	30
1000 End-Plate	334.65	S Type 1	3.10	123.94	M Tpye 1	84.51	1.61	136.06	FF Type 1	93.90	996.22	1.65	3.38	30
1000 End-Plate	334.65	S Type 1	3.10	123.94	M Tpye 1	84.51	1.61	136.06	FF Type 1	93.90	996.22	1.65	3.38	30
1000 End-Plate	334.65	S Type 1	3.10	123.94	M Tpye 1	84.51	1.61	136.06	FF Type 1	93.90	996.22	1.65	3.38	30
1000 End-Plate	334.65	S Type 1	3.10	123.94	M Tpye 1	84.51	1.61	136.06	FF Type 1	93.90	996.22	1.65	3.38	30
1000 End-Plate	334.65	S Type 1	3.10	123.94	M Tpye 1	84.51	1.61	136.06	FF Type 1	93.90	996.22	1.65	3.38	30
1000 End-Plate	334.65	S Type 1	3.10	123.94	M Tpye 1	84.51	1.61	136.06	FF Type 1	93.90	996.22	1.65	3.38	30
1000 End-Plate	334.65	S Type 1	3.10	123.94	M Tpye 1	84.51	1.61	136.06	FF Type 1	93.90	996.22	1.65	3.38	30
1000 End-Plate	334.65	S Type 1	3.10	123.94	M Tpye 1	84.51	1.61	136.06	FF Type 1	93.90	996.22	1.65	3.38	30

1000 End-Plate	334.65	S Type 1	3.10	123.94	M Tpye 1	84.51	1.61	136.06	FF Type 1	93.90	996.22	1.65	3.38	30
1000 End-Plate	334.65	S Type 1	3.10	123.94	M Tpye 1	84.51	1.61	136.06	FF Type 1	93.90	996.22	1.65	3.38	30
1000 End-Plate	334.65	S Type 1	3.10	123.94	M Tpye 1	84.51	1.61	136.06	FF Type 1	93.90	996.22	1.65	3.38	30
1000 End-Plate	334.65	S Type 1	3.10	123.94	M Tpye 1	84.51	1.61	136.06	FF Type 1	93.90	996.22	1.65	3.38	30
1000 End-Plate	334.65	S Type 1	3.10	123.94	M Tpye 1	84.51	1.61	136.06	FF Type 1	93.90	996.22	1.65	3.38	30
1000 End-Plate	334.65	S Type 1	3.10	123.94	M Tpye 1	84.51	1.61	136.06	FF Type 1	93.90	996.22	1.65	3.38	30
1000 End-Plate	334.65	S Type 1	3.10	123.94	M Tpye 1	84.51	1.61	136.06	FF Type 1	93.90	996.22	1.65	3.38	30
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20

1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	1034.40	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	838.30	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	838.30	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	838.30	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	838.30	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	838.30	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	838.30	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	838.30	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	838.30	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	838.30	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	838.30	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	838.30	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	838.30	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	838.30	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	838.30	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	838.30	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	838.30	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	838.30	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	838.30	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	838.30	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	838.30	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	838.30	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	838.30	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	838.30	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20

1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20
1000 End-Plate	334.65	S Type 1	3.10	61.97	M Tpye 1	84.51	0.81	68.03	FF Type 1	46.95	839.52	1.65	3.38	20

Electrolyte Price（$）	Compression Ratio	Charging Cut-Off Voltage (V/Cell)	Current Density	Power	CE %	VE %	EE %	UE %	Discharge Energy (Wh)	Power Cost（$）	Energy Cost（$）	Total Cost（$）	ln(P-cost-26)	ln(E-cost-80)
236.62	2.80	1.55	260	8.83	99.23	81.39	80.76	46.95	1752.07	63.358	270.103	333.461	3.57	5.25
236.62	2.80	1.55	260	8.85	98.02	81.25	79.64	42.09	1574.80	63.214	300.507	363.722	3.56	5.40
236.62	2.80	1.55	260	8.78	99.32	81.02	80.46	47.05	1748.33	63.652	270.681	334.333	3.57	5.25
253.52	3.23	1.55	250	8.53	98.95	81.99	81.13	45.28	1819.91	65.548	278.609	344.157	3.63	5.29
253.52	3.23	1.55	260	8.80	99.05	81.09	80.32	43.92	1750.51	63.566	289.654	353.220	3.57	5.35
253.52	3.23	1.55	260	9.00	98.76	80.34	79.34	47.29	1881.64	62.129	269.468	331.597	3.53	5.24
67.61	1.68	1.55	200	1.62	94.57	81.51	77.08	48.89	515.62	109.036	262.230	371.267	4.39	5.21
67.61	1.68	1.55	200	1.62	94.54	81.51	77.06	48.63	512.82	109.086	263.663	372.749	4.40	5.21
67.61	1.68	1.55	200	1.62	94.51	81.51	77.04	48.44	510.76	109.124	264.723	373.847	4.40	5.22
67.61	1.68	1.55	200	1.62	94.42	81.52	76.97	48.17	507.97	109.223	266.178	375.402	4.40	5.23
67.61	1.68	1.55	200	1.60	92.90	81.59	75.79	49.09	517.74	110.994	261.158	372.153	4.42	5.20
67.61	1.68	1.55	180	1.48	94.45	83.14	78.53	53.75	574.91	119.607	235.188	354.795	4.52	5.04
67.61	1.68	1.55	180	1.48	94.42	83.15	78.51	53.42	571.34	119.651	236.655	356.306	4.52	5.05
67.61	1.68	1.55	180	1.48	94.39	83.16	78.49	53.11	567.95	119.696	238.070	357.765	4.52	5.06
67.61	1.68	1.55	180	1.48	94.35	83.16	78.45	52.76	564.20	119.753	239.649	359.402	4.52	5.07
67.61	1.68	1.55	180	1.46	93.09	83.22	77.48	54.05	578.19	121.332	233.853	355.185	4.54	5.04
67.61	1.68	1.55	160	1.33	94.42	84.79	80.06	59.02	640.16	132.733	211.214	343.947	4.65	4.88
67.61	1.68	1.55	160	1.33	94.31	84.80	79.97	58.13	630.44	132.907	214.473	347.380	4.65	4.90
67.61	1.68	1.55	160	1.33	94.26	84.80	79.93	58.53	634.87	132.969	212.974	345.943	4.65	4.89
67.61	1.68	1.55	160	1.33	94.25	84.81	79.93	57.69	625.63	132.993	216.121	349.114	4.65	4.91
67.61	1.68	1.55	160	1.32	93.19	84.87	79.09	59.42	644.58	134.463	209.765	344.228	4.67	4.87
67.61	1.68	1.55	140	1.18	94.21	86.49	81.48	64.99	714.50	149.992	189.239	339.231	4.80	4.69
67.61	1.68	1.55	140	1.18	94.17	86.50	81.46	64.39	707.94	150.044	190.993	341.037	4.80	4.71
67.61	1.68	1.55	140	1.18	94.12	86.50	81.41	63.17	694.64	150.115	194.649	344.764	4.80	4.74
67.61	1.68	1.55	140	1.18	94.11	86.50	81.41	63.77	701.15	150.134	192.841	342.975	4.81	4.73
50.70	4.20	1.55	250	0.56	99.10	81.28	80.55	50.55	403.17	188.074	251.530	439.604	5.08	5.14
50.70	4.20	1.55	250	0.56	99.04	81.28	80.50	50.42	402.14	188.076	252.169	440.245	5.08	5.15
50.70	4.20	1.55	250	0.56	99.12	81.25	80.53	50.51	402.76	188.108	251.786	439.894	5.08	5.15
50.70	4.20	1.55	250	0.56	98.24	81.22	79.79	50.34	401.16	188.219	252.790	441.010	5.08	5.15
50.70	4.20	1.55	220	0.51	98.94	83.29	82.40	55.87	453.91	209.804	223.409	433.214	5.20	4.97
50.70	4.20	1.55	220	0.51	98.95	83.27	82.40	56.08	455.60	209.843	222.583	432.426	5.20	4.96
50.70	4.20	1.55	220	0.51	98.93	83.27	82.38	55.94	454.43	209.846	223.157	433.003	5.20	4.96
50.70	4.20	1.55	220	0.51	98.17	83.28	81.75	56.08	455.45	209.886	222.656	432.542	5.20	4.96
50.70	4.20	1.55	180	0.42	98.72	86.11	85.00	63.55	529.37	250.122	191.563	441.685	5.40	4.71
50.70	4.20	1.55	180	0.42	98.71	86.10	84.99	63.35	527.68	250.137	192.179	442.317	5.40	4.72
50.70	4.20	1.55	180	0.42	98.11	86.11	84.48	63.61	529.69	250.171	191.448	441.619	5.40	4.71
50.70	4.20	1.55	180	0.42	98.71	86.08	84.97	63.05	525.04	250.180	193.143	443.323	5.40	4.73
50.70	4.20	1.55	140	0.34	98.38	88.97	87.52	69.99	597.07	314.005	169.842	483.847	5.66	4.50
50.70	4.20	1.55	140	0.34	98.38	88.95	87.51	70.48	601.17	314.038	168.685	482.723	5.66	4.49
50.70	4.20	1.55	140	0.34	97.89	88.97	87.09	70.67	602.73	314.059	168.250	482.309	5.66	4.48
50.70	4.20	1.55	140	0.34	98.42	88.95	87.54	70.21	598.82	314.064	169.346	483.410	5.66	4.49
50.70	4.20	1.55	100	0.25	97.53	92.00	89.72	77.47	676.77	429.228	149.842	579.070	5.99	4.25
50.70	4.20	1.55	100	0.25	97.68	91.96	89.83	77.15	673.61	429.429	150.545	579.973	6.00	4.26

50.70	4.20	1.55	100	0.25	97.71	91.94	89.84	76.62	668.83	429.523	151.621	581.144	6.00	4.27
50.70	2.80	1.55	300	0.98	99.09	79.30	78.58	33.99	267.84	117.202	378.615	495.817	4.49	5.70
50.70	2.80	1.55	300	0.98	99.35	79.31	78.80	34.11	268.77	117.207	377.312	494.519	4.49	5.69
50.70	2.80	1.55	300	0.98	99.21	79.24	78.61	33.91	266.99	117.293	379.823	497.116	4.49	5.70
50.70	2.80	1.55	260	0.87	99.11	81.73	81.01	40.04	323.04	132.051	313.923	445.974	4.64	5.45
50.70	2.80	1.55	260	0.87	99.17	81.75	81.07	40.11	323.68	132.081	313.300	445.382	4.65	5.45
50.70	2.80	1.55	260	0.87	99.17	81.68	81.00	39.99	322.50	132.149	314.440	446.589	4.65	5.46
50.70	2.80	1.55	220	0.75	99.00	84.27	83.42	46.32	382.54	152.462	265.094	417.555	4.82	5.22
50.70	2.80	1.55	220	0.75	98.88	84.28	83.34	46.40	383.28	152.496	264.581	417.077	4.82	5.22
50.70	2.80	1.55	220	0.75	98.91	84.26	83.34	46.09	380.65	152.525	266.407	418.932	4.82	5.23
50.70	2.80	1.55	180	0.63	98.65	86.96	85.79	52.62	444.87	182.044	227.951	409.996	5.04	5.00
50.70	2.80	1.55	180	0.63	98.75	86.93	85.84	52.79	446.26	182.109	227.242	409.351	5.04	4.99
50.70	2.80	1.55	180	0.63	98.79	86.92	85.88	52.42	443.12	182.137	228.851	410.988	5.04	5.00
50.70	2.80	1.55	140	0.50	98.48	89.42	88.06	58.06	501.26	229.247	202.307	431.554	5.30	4.81
50.70	2.80	1.55	140	0.50	98.51	89.47	88.13	58.18	502.46	229.101	201.823	430.924	5.30	4.80
50.70	2.80	1.55	140	0.50	98.48	89.42	88.06	58.06	501.26	229.247	202.307	431.554	5.30	4.81
50.70	2.80	1.55	100	0.37	97.56	92.24	89.99	63.55	560.90	313.852	180.794	494.646	5.66	4.61
50.70	2.80	1.55	100	0.37	97.83	92.23	90.23	63.33	558.84	313.966	181.461	495.427	5.66	4.62
50.70	4.20	1.55	300	0.97	99.32	78.94	78.40	38.67	298.47	118.385	339.757	458.143	4.50	5.56
50.70	4.20	1.55	300	0.97	99.25	78.81	78.22	38.15	294.21	118.489	344.680	463.169	4.51	5.58
50.70	4.20	1.55	260	0.87	99.13	81.65	80.94	46.39	372.85	133.071	271.982	405.053	4.65	5.26
50.70	4.20	1.55	260	0.87	99.10	81.67	80.94	46.38	372.84	133.090	271.988	405.078	4.65	5.26
50.70	4.20	1.55	260	0.87	98.96	81.64	80.79	46.24	371.56	133.149	272.923	406.072	4.66	5.26
50.70	4.20	1.55	220	0.75	98.87	84.21	83.26	53.22	437.98	153.581	231.538	385.119	4.83	5.02
50.70	4.20	1.55	220	0.75	98.90	84.22	83.29	53.13	437.30	153.626	231.894	385.520	4.83	5.02
50.70	4.20	1.55	220	0.75	99.00	84.17	83.32	53.23	437.96	153.695	231.547	385.242	4.83	5.02
50.70	4.20	1.55	180	0.63	98.59	86.90	85.67	60.18	507.07	183.323	199.987	383.310	5.05	4.79
50.70	4.20	1.55	180	0.63	98.54	86.94	85.68	60.50	509.90	183.391	198.878	382.270	5.05	4.78
50.70	4.20	1.55	180	0.63	98.61	86.85	85.64	59.78	503.62	183.457	201.359	384.817	5.05	4.80
50.70	4.20	1.55	140	0.50	98.05	89.82	88.07	67.72	583.92	230.358	173.670	404.028	5.31	4.54
50.70	4.20	1.55	140	0.50	98.15	89.81	88.15	68.17	587.91	230.439	172.490	402.929	5.31	4.53
50.70	4.20	1.55	140	0.50	98.11	89.73	88.04	67.27	579.97	230.481	174.851	405.332	5.31	4.55
50.70	4.20	1.55	100	0.36	97.39	92.43	90.01	74.06	652.26	315.709	155.472	471.180	5.66	4.32
50.70	4.20	1.55	100	0.36	97.41	92.44	90.05	73.72	649.28	315.891	156.186	472.077	5.66	4.33
50.70	2.80	1.55	260	0.70	99.19	80.93	80.28	45.33	361.69	155.182	280.371	435.553	4.85	5.30
50.70	2.80	1.55	260	0.70	99.23	80.93	80.31	45.48	362.88	155.184	279.451	434.634	4.85	5.30
50.70	2.80	1.55	260	0.70	99.23	80.93	80.31	45.45	362.62	155.184	279.652	434.836	4.85	5.30
50.70	2.80	1.55	220	0.61	99.02	83.60	82.78	53.35	436.15	179.007	232.510	411.517	5.02	5.03
50.70	2.80	1.55	220	0.61	99.04	83.59	82.78	53.48	437.18	179.016	231.960	410.976	5.02	5.02
50.70	2.80	1.55	220	0.61	99.08	83.59	82.82	53.14	434.32	179.049	233.487	412.536	5.02	5.03
50.70	2.80	1.55	180	0.51	98.80	86.35	85.31	61.07	511.00	213.727	198.449	412.176	5.22	4.77
50.70	2.80	1.55	180	0.51	98.85	86.35	85.35	61.25	512.54	213.743	197.856	411.598	5.22	4.77
50.70	2.80	1.55	180	0.51	98.83	86.35	85.34	61.37	513.51	213.759	197.481	411.240	5.22	4.77
50.70	2.80	1.55	140	0.40	98.55	89.13	87.83	68.72	588.03	268.759	172.454	441.213	5.48	4.53
50.70	2.80	1.55	140	0.40	98.57	89.11	87.84	68.44	585.60	268.765	173.169	441.935	5.48	4.53
50.70	2.80	1.55	140	0.40	98.59	89.12	87.86	68.95	589.92	268.772	171.902	440.674	5.48	4.52
50.70	2.80	1.55	100	0.30	97.49	92.10	89.78	76.33	667.96	367.863	151.817	519.680	5.83	4.27
50.70	2.80	1.55	100	0.30	97.93	92.05	90.15	75.79	663.02	367.992	152.950	520.942	5.83	4.29

50.70	2.80	1.55	100	0.30	97.94	92.04	90.15	76.12	665.94	367.997	152.278	520.275	5.83	4.28
50.70	2.80	1.55	300	1.45	97.23	80.35	78.13	39.28	312.21	87.784	324.812	412.596	4.09	5.50
50.70	2.80	1.55	300	1.43	98.83	80.48	79.53	39.68	315.89	89.224	321.024	410.249	4.11	5.48
50.70	2.80	1.55	300	1.42	98.97	80.39	79.56	39.48	313.99	89.342	322.962	412.304	4.12	5.49
50.70	2.80	1.55	300	1.42	99.00	80.51	79.71	39.73	316.36	89.418	320.551	409.969	4.12	5.48
50.70	2.80	1.55	260	1.24	97.43	82.71	80.58	45.38	368.81	102.180	274.961	377.140	4.31	5.27
50.70	2.80	1.55	260	1.23	98.67	82.71	81.60	45.42	369.28	103.450	274.613	378.064	4.32	5.27
50.70	2.80	1.55	260	1.23	98.77	82.74	81.73	45.43	369.46	103.556	274.477	378.033	4.32	5.27
50.70	2.80	1.55	220	1.05	97.40	85.26	83.04	52.11	433.11	121.672	234.138	355.810	4.54	5.04
50.70	2.80	1.55	220	1.03	98.52	85.20	83.93	51.75	430.18	122.964	235.735	358.699	4.55	5.05
50.70	2.80	1.55	220	1.03	98.51	85.21	83.94	51.92	431.59	123.002	234.965	357.967	4.55	5.04
50.70	2.80	1.55	220	1.03	98.57	85.17	83.95	51.47	427.78	123.049	237.057	360.105	4.55	5.06
50.70	2.80	1.55	180	0.85	97.24	87.63	85.21	58.06	492.57	149.518	205.877	355.395	4.80	4.84
50.70	2.80	1.55	180	0.84	98.18	87.73	86.13	58.15	493.73	150.996	205.394	356.390	4.81	4.83
50.70	2.80	1.55	180	0.84	98.27	87.65	86.14	58.17	493.78	151.099	205.371	356.470	4.81	4.83
50.70	2.80	1.55	180	0.84	98.22	87.73	86.17	57.89	491.53	151.101	206.313	357.414	4.81	4.84
50.70	2.80	1.55	140	0.66	96.95	89.94	87.20	63.63	550.35	192.926	184.263	377.189	5.11	4.65
50.70	2.80	1.55	140	0.65	97.87	89.92	88.01	63.50	549.38	194.719	184.588	379.306	5.12	4.65
50.70	2.80	1.55	140	0.65	97.80	90.07	88.09	63.73	551.75	194.736	183.793	378.530	5.12	4.64
50.70	2.80	1.55	140	0.65	97.76	90.12	88.10	63.45	549.40	194.775	184.579	379.354	5.12	4.65
50.70	2.80	1.55	100	0.47	96.01	92.69	88.99	69.70	615.64	269.997	164.720	434.717	5.49	4.44
50.70	2.80	1.55	100	0.47	96.92	92.62	89.76	69.29	611.82	272.389	165.748	438.138	5.50	4.45
50.70	2.80	1.55	100	0.47	97.03	92.59	89.84	68.85	607.75	272.740	166.858	439.598	5.50	4.46
50.70	3.50	1.55	300	1.10	99.26	77.90	77.32	33.37	259.07	105.338	391.438	496.776	4.35	5.74
50.70	3.50	1.55	300	1.11	99.20	77.97	77.35	33.61	261.05	105.217	388.459	493.676	4.35	5.73
50.70	3.50	1.55	300	1.11	99.37	78.02	77.52	33.76	262.32	105.207	386.579	491.785	4.35	5.73
50.70	3.50	1.55	260	0.98	99.16	80.58	79.91	40.56	323.47	118.248	313.504	431.752	4.50	5.45
50.70	3.50	1.55	260	0.98	99.15	80.62	79.94	40.60	323.83	118.280	313.153	431.433	4.50	5.45
50.70	3.50	1.55	260	0.98	99.32	80.50	79.95	40.38	321.82	118.392	315.111	433.503	4.50	5.46
50.70	3.50	1.55	220	0.85	99.10	83.23	82.48	47.46	388.15	136.310	261.263	397.572	4.68	5.20
50.70	3.50	1.55	220	0.85	99.12	83.19	82.46	47.42	387.71	136.350	261.560	397.910	4.69	5.20
50.70	3.50	1.55	220	0.85	99.12	83.14	82.41	47.28	386.43	136.416	262.423	398.839	4.69	5.21
50.70	3.50	1.55	180	0.72	99.00	85.87	85.01	54.30	454.93	162.574	222.910	385.483	4.90	4.96
50.70	3.50	1.55	180	0.72	98.96	85.90	85.01	54.30	455.03	162.634	222.861	385.495	4.90	4.96
50.70	3.50	1.55	180	0.72	98.93	85.82	84.91	54.18	453.79	162.694	223.471	386.165	4.90	4.97
50.70	3.50	1.55	140	0.57	98.66	88.64	87.46	61.06	523.96	204.100	193.542	397.642	5.17	4.73
50.70	3.50	1.55	140	0.57	98.69	88.67	87.51	61.03	523.72	204.162	193.631	397.792	5.17	4.73
50.70	3.50	1.55	140	0.57	98.72	88.61	87.48	61.07	523.90	204.222	193.566	397.788	5.17	4.73
50.70	3.50	1.55	100	0.42	97.91	91.76	89.84	68.28	600.20	278.893	168.958	447.851	5.53	4.49
50.70	3.50	1.55	100	0.42	97.05	91.90	89.19	68.83	605.38	278.911	167.511	446.423	5.53	4.47
50.70	3.50	1.55	100	0.42	98.06	91.68	89.90	67.90	596.78	279.098	169.926	449.024	5.53	4.50
67.61	2.90	1.55	220	1.20	99.32	83.22	82.65	54.26	584.94	161.203	231.155	392.357	4.89	5.02
67.61	2.90	1.55	220	1.20	99.25	83.19	82.57	54.19	584.10	161.272	231.486	392.758	4.89	5.02
67.61	2.90	1.55	220	1.20	99.35	83.14	82.60	54.19	583.94	161.286	231.551	392.837	4.89	5.02
67.61	2.90	1.55	220	1.20	99.32	83.06	82.49	53.99	581.42	161.382	232.554	393.937	4.89	5.03
67.61	2.90	1.55	220	1.20	97.92	83.01	81.28	53.67	577.53	161.503	234.121	395.624	4.89	5.04
67.61	2.90	1.55	180	1.01	99.25	85.69	85.04	60.20	663.83	192.671	203.684	396.355	5.10	4.82
67.61	2.90	1.55	180	1.01	99.31	85.56	84.97	59.87	659.89	192.713	204.901	397.614	5.10	4.83

67.61	2.90	1.55	180	1.01	99.31	85.37	84.78	59.23	652.30	192.908	207.285	400.192	5.11	4.85
67.61	2.90	1.55	180	1.01	99.36	85.14	84.59	58.34	641.55	193.155	210.756	403.912	5.11	4.87
67.61	2.90	1.55	180	1.00	98.26	85.09	83.61	58.04	637.85	193.250	211.979	405.229	5.11	4.88
67.61	2.90	1.55	140	0.80	98.20	88.45	86.86	66.70	752.59	242.041	179.662	421.703	5.37	4.60
67.61	2.90	1.55	140	0.80	99.10	88.30	87.51	66.26	747.54	242.059	180.874	422.933	5.37	4.61
67.61	2.90	1.55	140	0.80	99.07	88.23	87.41	65.72	741.29	242.116	182.400	424.516	5.37	4.63
67.61	2.90	1.55	140	0.80	99.18	88.06	87.34	64.79	730.42	242.261	185.115	427.375	5.37	4.66
67.61	2.90	1.55	140	0.80	99.15	88.11	87.36	65.09	733.84	242.269	184.252	426.521	5.37	4.65
67.61	2.90	1.55	100	0.59	98.17	91.41	89.73	74.15	857.00	330.850	157.773	488.622	5.71	4.35
67.61	2.90	1.55	100	0.59	98.57	91.51	90.20	74.21	857.37	330.944	157.704	488.649	5.71	4.35
67.61	2.90	1.55	100	0.59	98.55	91.55	90.23	73.62	850.62	330.965	158.956	489.921	5.71	4.37
67.61	2.90	1.55	100	0.59	98.54	91.54	90.20	73.95	854.23	331.008	158.284	489.292	5.71	4.36
67.61	2.90	1.55	220	1.21	99.23	84.02	83.37	53.55	582.05	160.147	232.302	392.449	4.88	5.03
67.61	2.90	1.55	220	1.21	99.21	84.01	83.35	53.60	582.49	160.153	232.127	392.280	4.88	5.02
67.61	2.90	1.55	220	1.21	99.29	83.97	83.37	53.70	583.51	160.206	231.722	391.928	4.88	5.02
67.61	2.90	1.55	220	1.21	99.28	83.93	83.33	53.66	582.97	160.211	231.936	392.147	4.88	5.02
67.61	2.90	1.55	220	1.21	99.30	83.86	83.27	53.56	581.55	160.303	232.503	392.805	4.89	5.03
67.61	2.90	1.55	220	1.21	98.08	83.82	82.21	53.32	578.62	160.370	233.679	394.049	4.89	5.03
67.61	2.90	1.55	180	1.02	99.10	86.40	85.62	59.24	657.90	191.524	205.519	397.042	5.10	4.83
67.61	2.90	1.55	180	1.01	99.23	86.28	85.61	59.05	655.44	191.663	206.289	397.952	5.10	4.84
67.61	2.90	1.55	180	1.01	99.31	86.09	85.50	58.57	649.64	191.817	208.131	399.948	5.10	4.85
67.61	2.90	1.55	180	1.01	99.44	85.84	85.35	57.72	639.52	192.021	211.426	403.447	5.10	4.88
67.61	2.90	1.55	180	1.01	98.06	85.86	84.20	57.32	634.73	192.121	213.023	405.144	5.10	4.89
67.61	2.90	1.55	140	0.81	97.94	89.11	87.28	65.80	746.72	241.014	181.073	422.087	5.36	4.62
67.61	2.90	1.55	140	0.81	99.08	88.86	88.04	64.95	736.81	241.109	183.508	424.617	5.36	4.64
67.61	2.90	1.55	140	0.81	99.16	88.75	88.00	64.04	726.46	241.113	186.123	427.236	5.36	4.66
67.61	2.90	1.55	140	0.81	99.09	88.74	87.94	64.33	729.65	241.163	185.309	426.471	5.36	4.66
67.61	2.90	1.55	140	0.81	99.14	88.73	87.97	64.39	730.22	241.192	185.165	426.356	5.36	4.66
67.61	2.90	1.55	100	0.59	98.11	91.79	90.06	72.78	844.79	329.896	160.052	489.948	5.71	4.38
67.61	2.90	1.55	100	0.59	98.42	91.96	90.51	72.94	846.26	329.996	159.775	489.771	5.71	4.38
67.61	2.90	1.55	100	0.59	98.50	92.02	90.64	72.64	842.73	330.089	160.444	490.533	5.71	4.39
67.61	2.90	1.55	100	0.59	98.50	92.02	90.64	72.22	837.75	330.125	161.398	491.524	5.71	4.40
101.41	2.80	1.55	300	3.36	99.42	79.99	79.53	38.78	612.38	74.219	331.197	405.416	3.83	5.53
101.41	2.80	1.55	300	3.35	99.49	79.94	79.53	38.64	609.83	74.247	332.577	406.824	3.83	5.53
101.41	2.80	1.55	300	3.35	99.47	79.86	79.44	38.41	605.97	74.284	334.696	408.980	3.83	5.54
101.41	2.80	1.55	300	3.35	96.69	79.86	77.22	38.09	600.45	74.341	337.774	412.115	3.84	5.55
101.41	2.80	1.55	260	2.97	99.42	82.28	81.81	44.32	715.33	83.783	283.527	367.310	4.02	5.32
101.41	2.80	1.55	260	2.97	99.46	82.22	81.78	44.18	712.93	83.806	284.484	368.290	4.02	5.32
101.41	2.80	1.55	260	2.97	99.45	82.14	81.69	43.93	708.58	83.846	286.229	370.076	4.02	5.33
101.41	2.80	1.55	260	2.97	97.06	82.14	79.73	43.61	702.90	83.903	288.542	372.445	4.02	5.34
101.41	2.80	1.55	220	2.57	99.34	84.59	84.04	49.80	821.05	96.940	247.022	343.962	4.23	5.12
101.41	2.80	1.55	220	2.57	99.34	84.54	83.98	49.67	818.76	96.966	247.712	344.678	4.23	5.12
101.41	2.80	1.55	220	2.57	99.41	84.46	83.96	49.49	815.47	97.005	248.710	345.715	4.23	5.13
101.41	2.80	1.55	220	2.57	97.39	84.46	82.25	49.21	810.34	97.060	250.286	347.347	4.23	5.14
101.41	2.80	1.55	180	2.15	99.26	86.97	86.32	55.25	930.20	116.037	218.036	334.074	4.48	4.93
101.41	2.80	1.55	180	2.15	99.22	86.92	86.25	55.15	928.31	116.068	218.480	334.548	4.48	4.93
101.41	2.80	1.55	180	2.15	99.24	86.89	86.24	55.18	928.62	116.089	218.407	334.496	4.48	4.93
101.41	2.80	1.55	180	2.14	97.64	86.94	84.88	55.16	928.11	116.114	218.527	334.641	4.48	4.93

101.41	2.80	1.55	140	1.71	99.01	89.58	88.70	61.06	1050.14	146.065	193.134	339.199	4.77	4.73
101.41	2.80	1.55	140	1.71	99.00	89.57	88.68	61.23	1053.01	146.069	192.607	338.676	4.77	4.72
101.41	2.80	1.55	140	1.70	99.04	89.55	88.69	61.39	1055.75	146.079	192.106	338.185	4.77	4.72
101.41	2.80	1.55	140	1.70	97.63	89.61	87.48	61.44	1056.43	146.099	191.983	338.082	4.77	4.72
101.41	2.80	1.55	100	1.24	98.61	92.39	91.11	67.94	1193.17	200.276	169.982	370.257	5.15	4.50
101.41	2.80	1.55	100	1.24	98.57	92.38	91.06	67.51	1185.73	200.278	171.049	371.327	5.15	4.51
101.41	2.80	1.55	100	1.24	98.64	92.35	91.09	67.06	1177.69	200.304	172.215	372.520	5.15	4.52
67.61	3.10	1.55	100	0.62	98.52	92.78	91.41	73.63	860.25	416.519	157.176	573.695	5.96	4.35
67.61	3.10	1.55	100	0.62	98.79	92.75	91.63	73.29	855.82	416.712	157.990	574.702	5.96	4.36
67.61	3.10	1.55	100	0.62	98.83	92.72	91.63	72.92	851.38	416.773	158.815	575.588	5.96	4.37
67.61	3.10	1.55	100	0.62	98.93	92.68	91.68	72.58	847.36	416.828	159.569	576.396	5.96	4.38
67.61	3.10	1.55	140	0.85	99.14	89.97	89.20	67.06	767.18	303.831	176.245	480.075	5.62	4.57
67.61	3.10	1.55	140	0.85	99.25	89.89	89.22	66.74	763.45	303.886	177.107	480.993	5.62	4.58
67.61	3.10	1.55	140	0.85	99.23	89.93	89.24	66.75	763.61	303.846	177.070	480.915	5.62	4.58
67.61	3.10	1.55	140	0.85	99.14	89.98	89.21	66.61	762.14	303.800	177.410	481.210	5.62	4.58
67.61	3.10	1.55	180	1.07	99.36	87.33	86.77	60.90	682.27	241.302	198.180	439.482	5.36	4.77
67.61	3.10	1.55	180	1.07	99.40	87.41	86.88	61.15	685.38	241.207	197.279	438.487	5.36	4.76
67.61	3.10	1.55	180	1.07	99.32	87.46	86.87	61.11	685.03	241.170	197.381	438.551	5.36	4.77
67.61	3.10	1.55	180	1.07	99.26	87.48	86.83	60.92	682.98	241.146	197.972	439.117	5.36	4.77
67.61	3.10	1.55	220	1.28	99.40	84.96	84.46	55.30	607.09	201.504	222.720	424.224	5.16	4.96
67.61	3.10	1.55	220	1.28	99.40	84.98	84.47	55.22	606.25	201.485	223.030	424.514	5.16	4.96
67.61	3.10	1.55	220	1.28	99.43	84.99	84.50	55.16	605.61	201.474	223.264	424.738	5.16	4.96
67.61	3.10	1.55	220	1.28	99.37	84.99	84.45	54.98	603.70	201.466	223.972	425.438	5.16	4.97
67.61	3.10	1.55	260	1.48	99.43	82.53	82.06	49.17	528.19	174.225	255.988	430.213	4.99	5.17
67.61	3.10	1.55	260	1.48	99.49	82.56	82.14	49.18	528.43	174.197	255.872	430.069	4.98	5.17
67.61	3.10	1.55	260	1.48	99.55	82.57	82.20	49.21	528.78	174.188	255.702	429.890	4.98	5.17
67.61	3.10	1.55	260	1.48	99.44	82.59	82.13	49.13	528.00	174.167	256.084	430.251	4.98	5.17
67.61	3.10	1.55	300	1.68	99.63	80.17	79.88	43.16	453.55	154.364	298.120	452.484	4.84	5.39
67.61	3.10	1.55	300	1.68	99.50	80.22	79.82	43.19	454.02	154.324	297.812	452.135	4.84	5.38
67.61	3.10	1.55	300	1.68	99.33	80.26	79.72	43.18	454.02	154.257	297.807	452.064	4.84	5.38
67.61	3.10	1.55	300	1.68	99.59	80.23	79.90	43.06	452.63	154.314	298.726	453.040	4.84	5.39
67.61	3.10	1.58	100	0.62	98.73	91.71	90.54	78.02	912.05	416.274	148.250	564.524	5.96	4.22
67.61	3.10	1.58	100	0.62	98.99	91.74	90.82	77.74	908.15	416.556	148.887	565.443	5.96	4.23
67.61	3.10	1.58	100	0.62	99.05	91.73	90.86	77.49	905.05	416.658	149.396	566.054	5.96	4.24
67.61	3.10	1.58	100	0.62	99.05	91.77	90.90	77.24	902.26	416.587	149.859	566.446	5.96	4.25
67.61	3.10	1.58	140	0.85	99.33	89.02	88.43	72.09	825.24	303.640	163.844	467.484	5.62	4.43
67.61	3.10	1.58	140	0.85	99.31	89.09	88.47	72.01	824.54	303.575	163.983	467.558	5.62	4.43
67.61	3.10	1.58	140	0.85	99.19	89.13	88.41	71.77	821.95	303.508	164.500	468.008	5.62	4.44
67.61	3.10	1.58	140	0.85	99.31	89.13	88.51	71.60	820.02	303.515	164.887	468.402	5.62	4.44
67.61	3.10	1.58	180	1.07	99.37	86.41	85.87	66.03	740.46	241.077	182.605	423.682	5.36	4.63
67.61	3.10	1.58	180	1.07	99.39	86.43	85.90	65.89	738.98	241.075	182.971	424.045	5.36	4.63
67.61	3.10	1.58	180	1.07	99.35	86.43	85.87	65.71	736.91	241.062	183.483	424.545	5.36	4.64
67.61	3.10	1.58	180	1.07	99.27	86.43	85.80	65.38	733.36	241.038	184.372	425.411	5.36	4.65
67.61	3.10	1.58	220	1.28	99.38	83.74	83.22	59.40	651.71	201.617	207.471	409.088	5.16	4.85
67.61	3.10	1.58	220	1.28	99.44	83.76	83.30	59.33	651.07	201.583	207.674	409.258	5.16	4.85
67.61	3.10	1.58	220	1.28	99.37	83.78	83.25	59.17	649.37	201.557	208.219	409.776	5.16	4.85
67.61	3.10	1.58	220	1.28	99.34	83.78	83.23	58.97	647.30	201.528	208.884	410.412	5.16	4.86
67.61	3.10	1.58	260	1.48	99.53	81.17	80.79	52.75	565.93	174.464	238.917	413.381	4.99	5.07

67.61	3.10	1.58	260	1.48	99.52	81.17	80.78	52.65	564.80	174.486	239.396	413.882	4.99	5.07
67.61	3.10	1.58	260	1.48	99.46	81.17	80.73	52.53	563.44	174.482	239.973	414.455	4.99	5.08
67.61	3.10	1.58	260	1.48	99.56	81.17	80.82	52.47	562.79	174.491	240.253	414.745	4.99	5.08
67.61	3.10	1.58	300	1.67	99.74	78.61	78.41	45.99	481.85	154.838	280.610	435.449	4.84	5.30
67.61	3.10	1.58	300	1.67	99.53	78.70	78.33	46.09	483.13	154.749	279.866	434.615	4.84	5.30
67.61	3.10	1.58	300	1.67	99.52	78.73	78.36	46.15	483.89	154.711	279.425	434.136	4.84	5.30
67.61	3.10	1.58	300	1.67	99.47	78.77	78.36	46.19	484.51	154.655	279.069	433.724	4.84	5.29
67.61	2.56	1.55	100	0.62	97.78	93.22	91.15	73.38	862.64	335.493	156.741	492.234	5.73	4.34
67.61	2.56	1.55	100	0.62	98.36	93.23	91.70	73.05	858.48	335.623	157.501	493.124	5.73	4.35
67.61	2.56	1.55	100	0.62	98.45	93.22	91.77	72.64	853.53	335.673	158.415	494.087	5.73	4.36
67.61	2.56	1.55	100	0.62	98.47	93.20	91.77	72.18	848.06	335.675	159.437	495.112	5.73	4.37
67.61	2.56	1.55	140	0.86	98.97	90.70	89.76	67.40	777.08	244.320	174.000	418.320	5.38	4.54
67.61	2.56	1.55	140	0.86	98.86	90.77	89.73	67.28	775.86	244.293	174.273	418.565	5.38	4.55
67.61	2.56	1.55	140	0.86	98.91	90.83	89.84	67.02	773.13	244.177	174.888	419.065	5.38	4.55
67.61	2.56	1.55	180	1.08	99.08	88.50	87.69	62.15	703.84	193.482	192.106	385.588	5.11	4.72
67.61	2.56	1.55	180	1.08	99.08	88.50	87.68	61.90	701.00	193.482	192.883	386.365	5.11	4.73
67.61	2.56	1.55	180	1.08	99.12	88.48	87.69	61.67	698.30	193.501	193.629	387.130	5.11	4.73
67.61	2.56	1.55	180	1.08	99.02	88.47	87.60	61.37	694.96	193.486	194.560	388.046	5.11	4.74
67.61	2.56	1.55	220	1.30	99.25	86.12	85.47	56.23	624.53	161.408	216.502	377.909	4.89	4.92
67.61	2.56	1.55	220	1.30	99.25	86.14	85.49	56.18	623.97	161.392	216.694	378.086	4.89	4.92
67.61	2.56	1.55	220	1.30	99.19	86.16	85.46	56.06	622.76	161.374	217.117	378.491	4.89	4.92
67.61	2.56	1.55	220	1.30	99.29	86.15	85.54	55.98	621.89	161.378	217.421	378.799	4.89	4.92
67.61	2.56	1.55	260	1.50	99.39	83.88	83.37	50.77	552.91	139.282	244.543	383.825	4.71	5.10
67.61	2.56	1.55	260	1.50	99.30	83.91	83.32	50.74	552.71	139.260	244.634	383.894	4.71	5.10
67.61	2.56	1.55	300	1.70	99.31	81.64	81.08	45.12	481.52	123.198	280.802	404.000	4.56	5.30
67.61	2.56	1.55	300	1.70	99.49	81.63	81.21	45.11	481.34	123.203	280.908	404.111	4.56	5.30
67.61	2.56	1.55	300	1.70	99.41	81.67	81.19	45.19	482.38	123.159	280.298	403.457	4.56	5.30
67.61	2.56	1.55	300	1.70	99.29	81.74	81.15	45.32	483.96	123.098	279.388	402.486	4.55	5.30
67.61	2.56	1.55	340	1.89	99.34	79.60	79.08	40.02	418.87	110.834	322.800	433.634	4.42	5.49
67.61	2.56	1.55	340	1.89	99.44	79.66	79.21	40.17	420.54	110.789	321.518	432.307	4.42	5.49
67.61	2.56	1.55	340	1.89	99.53	79.70	79.32	40.32	422.20	110.774	320.252	431.026	4.42	5.48
67.61	2.56	1.55	340	1.89	99.42	79.73	79.27	40.42	423.33	110.746	319.402	430.148	4.42	5.48
67.61	2.56	1.55	380	2.07	99.42	77.60	77.15	34.79	356.93	101.170	378.816	479.986	4.29	5.70
67.61	2.56	1.55	380	2.07	99.57	77.65	77.31	35.04	359.64	101.138	375.963	477.101	4.29	5.69
67.61	2.56	1.55	380	2.07	99.42	77.70	77.25	35.16	360.98	101.094	374.570	475.665	4.29	5.69
67.61	2.56	1.55	380	2.07	99.44	77.73	77.29	35.21	361.56	101.081	373.969	475.051	4.29	5.68
67.61	2.56	1.55	420	2.24	99.65	75.57	75.30	29.45	295.88	93.462	456.985	550.447	4.18	5.93
67.61	2.56	1.55	420	2.24	99.50	75.65	75.27	29.68	298.45	93.401	453.049	546.450	4.18	5.92
67.61	2.56	1.55	420	2.24	99.51	75.69	75.32	29.81	299.76	93.378	451.060	544.437	4.18	5.92
67.61	2.56	1.55	420	2.25	99.49	75.73	75.34	29.90	300.79	93.346	449.520	542.866	4.18	5.91
67.61	2.90	1.55	100	0.62	97.50	92.52	90.21	75.17	876.81	338.612	154.209	492.821	5.74	4.31
67.61	2.90	1.55	100	0.62	97.97	92.56	90.69	74.78	872.02	338.700	155.055	493.754	5.74	4.32
67.61	2.90	1.55	100	0.62	97.98	92.55	90.68	74.27	866.07	338.699	156.120	494.819	5.74	4.33
67.61	2.90	1.58	100	0.62	98.05	92.51	90.70	77.81	912.84	336.641	148.121	484.762	5.73	4.22
67.61	2.90	1.58	100	0.62	98.14	92.43	90.71	77.07	904.26	336.638	149.528	486.166	5.73	4.24
67.61	2.90	1.58	100	0.62	98.14	92.37	90.65	76.27	894.59	336.711	151.144	487.855	5.73	4.26
67.61	2.90	1.55	140	0.85	98.62	89.76	88.52	66.39	758.89	246.803	178.171	424.974	5.39	4.59
67.61	2.90	1.55	140	0.85	98.60	89.80	88.55	66.13	756.04	246.775	178.842	425.617	5.39	4.59

67.61	2.90	1.55	140	0.85	98.56	89.83	88.53	65.81	752.50	246.727	179.682	426.410	5.39	4.60
67.61	2.90	1.58	140	0.86	98.52	89.83	88.51	69.96	805.09	245.136	167.946	413.082	5.38	4.48
67.61	2.90	1.58	140	0.86	98.58	89.82	88.54	69.43	798.97	245.149	169.232	414.381	5.38	4.49
67.61	2.90	1.58	140	0.86	98.52	89.81	88.48	68.79	791.60	245.146	170.808	415.954	5.38	4.51
67.61	2.90	1.55	180	1.07	98.91	87.14	86.19	57.98	649.77	195.773	208.090	403.863	5.12	4.85
67.61	2.90	1.55	180	1.07	98.98	87.15	86.27	57.90	649.07	195.735	208.315	404.051	5.12	4.85
67.61	2.90	1.55	180	1.07	98.90	87.20	86.24	57.69	646.84	195.689	209.033	404.722	5.12	4.86
67.61	2.90	1.58	180	1.08	98.90	87.30	86.34	62.86	710.18	194.222	190.390	384.612	5.11	4.70
67.61	2.90	1.58	180	1.08	98.90	87.27	86.32	62.47	705.76	194.227	191.582	385.809	5.11	4.71
67.61	2.90	1.58	180	1.08	98.88	87.26	86.28	62.03	700.78	194.232	192.945	387.177	5.11	4.73
67.61	2.90	1.55	220	1.28	99.09	84.78	84.01	51.21	562.71	163.364	240.286	403.651	4.91	5.08
67.61	2.90	1.55	220	1.29	99.11	84.82	84.07	51.13	562.05	163.325	240.568	403.892	4.91	5.08
67.61	2.90	1.55	220	1.29	99.05	84.86	84.06	51.00	560.73	163.282	241.134	404.416	4.91	5.08
67.61	2.90	1.58	220	1.30	98.98	84.98	84.11	56.72	628.98	161.889	214.969	376.858	4.90	4.91
67.61	2.90	1.58	220	1.30	99.03	84.98	84.16	56.47	626.26	161.887	215.903	377.790	4.90	4.91
67.61	2.90	1.58	220	1.30	99.06	84.98	84.18	56.20	623.23	161.899	216.951	378.850	4.90	4.92
67.61	2.90	1.55	260	1.49	99.25	82.47	81.85	44.61	480.38	141.075	281.467	422.542	4.73	5.31
67.61	2.90	1.55	260	1.49	99.20	82.51	81.85	44.57	480.07	141.036	281.649	422.685	4.73	5.31
67.61	2.90	1.55	260	1.49	99.16	82.54	81.85	44.52	479.57	141.003	281.942	422.945	4.73	5.31
67.61	2.90	1.58	260	1.50	99.05	82.75	81.96	50.97	554.63	139.604	243.785	383.388	4.71	5.10
67.61	2.90	1.58	260	1.50	99.11	82.76	82.03	50.81	552.99	139.584	244.508	384.092	4.71	5.10
67.61	2.90	1.58	260	1.50	99.12	82.76	82.03	50.58	550.41	139.596	245.656	385.252	4.71	5.11
67.61	2.90	1.55	300	1.68	99.23	80.22	79.60	38.49	405.87	124.858	333.138	457.996	4.57	5.53
67.61	2.90	1.55	300	1.68	99.25	80.22	79.62	38.36	404.43	124.860	334.329	459.188	4.57	5.54
67.61	2.90	1.55	300	1.68	99.24	80.21	79.60	38.20	402.74	124.870	335.732	460.602	4.57	5.54
67.61	2.90	1.58	300	1.70	99.23	80.37	79.75	44.78	477.35	123.515	283.255	406.770	4.56	5.31
67.61	2.90	1.58	300	1.70	99.16	80.33	79.66	44.49	474.18	123.528	285.146	408.675	4.56	5.32
67.61	2.90	1.58	300	1.70	99.29	80.30	79.73	44.33	472.40	123.542	286.221	409.763	4.56	5.33