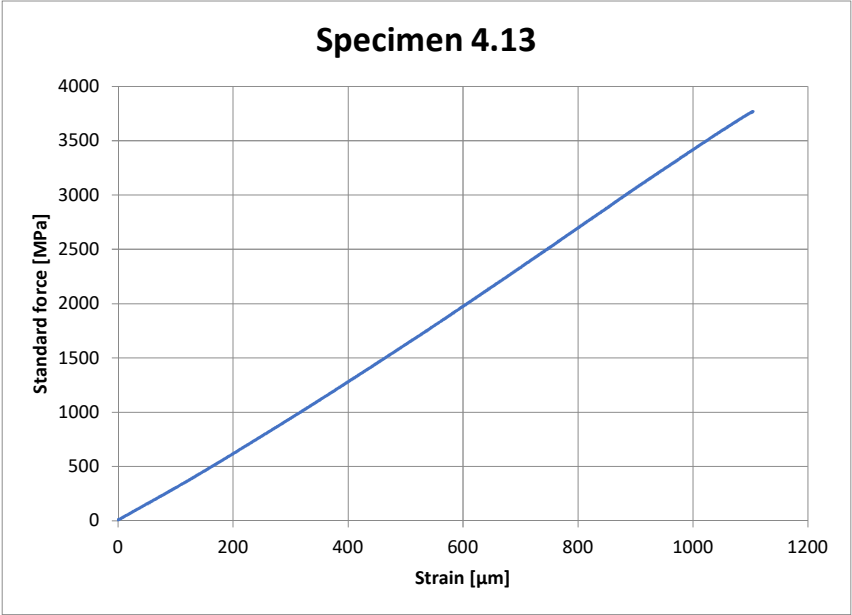


Specimen · Specimen 4.13 Specimen 4.13

Strain	Standard force	Test time
μm	MPa	s
0	10.02754676	0
0.022	10.25799465	0.109985
0.118	10.36592352	0.219971
0.274879	10.56153166	0.320007
0.317994	10.64875281	0.429993
0.467981	11.26948035	0.539978
0.92044	12.74549353	0.640015
1.861717	15.05701697	0.719971
2.926494	17.64319861	0.779968
3.842975	20.25794363	0.820007
4.634525	22.60901785	0.849976
5.523349	25.14905691	0.880005
6.559489	27.96123934	0.909963
7.604716	30.94512606	0.939993
8.674739	34.07842684	0.969961
9.790538	37.3215909	0.99999
10.88726	40.56914949	1.029958
11.68644	42.88946199	1.049978
12.52949	45.28008699	1.069998
13.39924	47.70586824	1.089956
14.27471	50.21954012	1.109976
15.14065	52.83868074	1.129995
16.0371	55.46661043	1.150015
16.92211	58.05059481	1.169973
17.82429	60.62579012	1.189993
18.68069	63.13067293	1.210012
19.51611	65.55645418	1.229971
20.30003	67.98223543	1.24999
21.11447	70.61016512	1.27001
21.9289	73.18536472	1.289968
22.75097	75.73419285	1.309988
23.57685	78.30938816	1.330007
24.41418	80.82306004	1.349966
25.23434	83.16095066	1.369985
26.08692	85.58673191	1.390005
26.93569	88.02130222	1.409963
27.74632	90.28448582	1.429983
28.48828	92.53448582	1.450002
29.24359	94.83722019	1.469961
30.35557	98.13751316	1.49999
31.54385	101.5037241	1.529958

density, tex 800
density, g/cm^3 1.79
fiber type high strength
test speed, mm/min 5
polymer content, % 40.27027027



32.35066	103.8943491	1.549978
33.15174	106.1795053	1.569998
33.9452	108.5086069	1.589956
34.74438	110.908021	1.609976
35.51685	113.307435	1.629995
36.64982	116.607728	1.659963
37.72938	119.7630014	1.689993
38.77079	122.9578257	1.719961
39.87896	126.0252085	1.74999
40.97759	129.3606577	1.779958
41.74053	131.6150522	1.799978
42.925	134.9724741	1.830007
43.68412	137.3015757	1.849966
44.46995	139.6570444	1.869985
45.55904	142.9749155	1.900015
46.60618	146.2664108	1.929983
47.69528	149.5886765	1.960012
48.80154	152.8054733	1.98998
49.91161	156.0925827	2.02001
51.04458	159.4148483	2.049978
52.19471	162.6316452	2.080007
53.28762	165.9626999	2.109976
54.34811	169.139946	2.140005
55.39715	172.2952194	2.169973
56.48243	175.5823288	2.200002
57.59251	178.8298874	2.229971
58.35545	181.1150436	2.24999
59.10694	183.4705124	2.27001
59.86416	185.7556686	2.289968
60.95516	189.0559616	2.319998
62.01565	192.2595749	2.349966
63.02845	195.3928757	2.379995
64.23962	198.4822311	2.409963
65.39547	201.8484421	2.439993
66.17558	204.0984421	2.460012
67.00909	206.3748093	2.479971
67.8674	208.7654343	2.49999
68.69519	211.1472702	2.52001
69.45431	213.4587936	2.539968
70.18864	215.7703171	2.559988
70.90199	218.0818405	2.580007
71.60389	220.3494186	2.599966
72.72923	223.6541061	2.629995
73.89462	226.936821	2.659963

74.669	229.2219772	2.679983
75.44529	231.5335007	2.700002
75.84202	232.6672897	2.710012
76.63739	234.9876022	2.729971
77.43084	237.343071	2.74999
78.18615	239.6721725	2.77001
79.26762	242.9329147	2.799978
80.37007	246.268364	2.830007
81.48777	249.5818405	2.859976
82.23927	251.836235	2.879995
83.00984	254.1829147	2.900015
83.77469	256.5383835	2.919973
84.55098	258.867485	2.939993
85.31392	261.1965866	2.960012
86.09974	263.4597702	2.979971
86.86459	265.7537155	2.99999
87.93461	269.0452194	3.029958
88.70518	271.3567429	3.049978
89.49673	273.7913132	3.069998
90.35313	276.3137741	3.089956
91.27629	279.0295944	3.109976
92.24522	282.0090866	3.129995
93.279	285.1467819	3.150015
94.36238	288.2844772	3.169973
95.4572	291.5715866	3.189993
96.5482	294.8499069	3.210012
97.65065	298.2512741	3.229971
98.8065	301.6526413	3.24999
100.0463	305.2561569	3.27001
101.3128	309.0266647	3.289968
102.6441	313.0520554	3.309988
104.0517	317.1126022	3.330007
105.4288	321.3313522	3.349966
106.7411	325.523735	3.369985
108.0915	329.7776413	3.390005
109.5334	334.1545944	3.409963
110.2926	336.4221725	3.419973
111.0746	338.7073288	3.429983
111.8718	341.0276413	3.439993
112.6844	343.3655319	3.450002
113.4893	345.7561569	3.460012
114.2751	348.1292038	3.469961
115.0304	350.5725632	3.479971
115.7666	352.9983444	3.48998

116.5143	355.4417038	3.49999
117.2963	357.8850632	3.51
118.1051	360.3284225	3.52001
118.9405	362.8596725	3.529958
119.8026	365.3909225	3.539968
120.6876	367.992485	3.549978
121.5955	370.6292038	3.559988
122.5034	373.3186569	3.569998
123.3922	376.00811	3.580007
124.2543	378.6975632	3.589956
125.1088	381.4573288	3.599966
125.9748	384.2874069	3.609976
126.8445	387.1350632	3.619985
127.7372	389.9827194	3.629995
128.6374	392.8479538	3.640005
129.5682	395.7131882	3.650015
130.5333	398.5960007	3.659963
131.5175	401.5315475	3.669973
132.475	404.4670944	3.679983
133.3791	407.4026413	3.689993
134.2794	410.3733444	3.700002
135.1987	413.3264694	3.710012
136.1333	416.2971725	3.719961
137.0755	419.3733444	3.729971
138.0483	422.4670944	3.73998
139.0783	425.5432663	3.74999
140.1464	428.6370163	3.76
141.1992	431.7307663	3.77001
142.2063	434.8772507	3.779958
143.1829	438.0764694	3.789968
144.1594	441.2932663	3.799978
145.1513	444.5803757	3.809988
146.166	447.8850632	3.819998
147.2112	451.1721725	3.830007
148.3175	454.5120163	3.839956
149.4619	457.9045944	3.849966
150.5986	461.367485	3.859976
151.7049	464.8127975	3.869985
152.7807	468.3460007	3.879995
153.8717	471.91436	3.890005
154.9855	475.57061	3.900015
156.13	479.2092819	3.909963
157.3278	482.8303757	3.919973
158.5408	486.4866257	3.929983

159.7387	490.1252975	3.939993
160.8907	493.7991257	3.950002
162.0198	497.50811	3.960012
163.1566	501.304985	3.969961
164.3316	505.1545944	3.979971
165.5446	508.9690475	3.98998
166.7958	512.7483444	3.99999
168.0623	516.5276413	4.01
169.3135	520.3245163	4.02001
170.5114	524.2092819	4.029958
171.671	528.0940475	4.039968
172.846	532.0491257	4.049978
174.0819	536.0042038	4.059988
175.3713	539.9241257	4.069998
176.6988	543.8088913	4.080007
177.9958	547.6936569	4.089956
179.2394	551.5784225	4.099966
180.4067	555.5159225	4.109976
181.574	559.4885788	4.119985
182.7794	563.4085007	4.129995
184.023	567.2932663	4.140005
185.2742	571.1252975	4.150015
186.4949	574.9045944	4.159963
187.6699	578.6838913	4.169973
188.799	582.4631882	4.179983
189.9205	586.2600632	4.189993
191.0497	590.0920944	4.200002
192.1941	593.8713913	4.210012
193.3843	597.63311	4.219961
194.6126	601.3069382	4.229971
195.8257	604.9983444	4.23998
196.9777	608.7073288	4.24999
198.0764	612.4690475	4.26
199.175	616.2659225	4.27001
200.3118	620.0627975	4.279958
201.4943	623.8596725	4.289968
202.7379	627.6038132	4.299978
203.9968	631.4006882	4.309988
205.2175	635.2151413	4.319998
206.3619	639.117485	4.330007
207.4834	643.0374069	4.339956
208.6278	647.0100632	4.349966
209.818	650.9827194	4.359976
211.054	654.9026413	4.369985

212.3204	658.804985	4.379995
213.5564	662.7073288	4.390005
214.739	666.6624069	4.400015
215.8757	670.5999069	4.409963
217.0202	674.554985	4.419973
218.1875	678.4749069	4.429983
219.4005	682.3772507	4.439993
220.6441	686.22686	4.450002
221.903	690.0413132	4.460012
223.1008	693.8733444	4.469961
224.2452	697.7756882	4.479971
225.3743	701.7483444	4.48998
226.5416	705.6858444	4.49999
227.7623	709.6057663	4.51
229.0365	713.4729538	4.52001
230.3411	717.3225632	4.529958
231.5999	721.1721725	4.539968
232.7977	725.0569382	4.549978
233.9498	728.97686	4.559988
235.1094	732.9319382	4.569998
236.2615	736.8694382	4.580007
237.4669	740.7190475	4.589956
238.6953	744.4807663	4.599966
239.9007	748.2249069	4.609976
241.0527	752.0042038	4.619985
242.1438	755.7659225	4.629995
243.2348	759.5627975	4.640005
244.3486	763.3420944	4.650015
245.5007	767.0686569	4.659963
246.6985	770.7249069	4.669973
247.8963	774.3811569	4.679983
249.0407	778.0374069	4.689993
250.1241	781.7639694	4.700002
251.1922	785.4905319	4.710012
252.2985	789.2698288	4.719961
253.4353	793.0315475	4.729971
254.6254	796.7756882	4.73998
255.8538	800.5198288	4.74999
257.0745	804.2639694	4.76
258.2647	808.0608444	4.77001
259.4014	811.8752975	4.779958
260.5306	815.7249069	4.789968
261.675	819.6272507	4.799978
262.8728	823.4944382	4.809988

264.124	827.3088913	4.819998
265.3905	831.1233444	4.830007
266.596	834.9553757	4.839956
267.7327	838.8225632	4.849966
268.8466	842.7776413	4.859976
269.991	846.7327194	4.869985
271.1812	850.617485	4.879995
272.4172	854.4846725	4.890005
273.676	858.2815475	4.900015
274.8739	862.0784225	4.909963
276.003	865.94561	4.919973
277.094	869.8303757	4.929983
278.2079	873.7327194	4.939993
279.3676	877.5999069	4.950002
280.5806	881.4495163	4.960012
281.8319	885.2288132	4.969961
283.0602	889.0256882	4.979971
284.2504	892.8401413	4.98998
285.3872	896.6897507	4.99999
286.501	900.5920944	5.01
287.6073	904.4417038	5.02001
288.7594	908.2561569	5.029958
289.9495	912.0178757	5.039968
291.1474	915.72686	5.049978
292.2994	919.4182663	5.059988
293.3904	923.0920944	5.069998
294.4509	926.8010788	5.080007
295.5419	930.492485	5.089956
296.6558	934.1663132	5.099966
297.8231	937.7874069	5.109976
299.0056	941.3733444	5.119985
300.15	944.9944382	5.129995
301.2639	948.6155319	5.140005
302.3244	952.3245163	5.150015
303.3925	956.0335007	5.159963
304.4835	959.7952194	5.169973
305.6051	963.5217819	5.179983
306.78	967.2131882	5.189993
307.9778	970.9397507	5.200002
309.1527	974.7014694	5.210012
310.2819	978.4807663	5.219961
311.3881	982.2952194	5.229971
312.5173	986.179985	5.23998
313.6693	990.0471725	5.24999

314.8748	993.8616257	5.26
316.1031	997.6409225	5.27001
317.3009	1001.455376	5.279958
318.4301	1005.287407	5.289968
319.5134	1009.172173	5.299978
320.6121	1013.074516	5.309988
321.7489	1017.012016	5.319998
322.9314	1020.896782	5.330007
324.1597	1024.746391	5.339956
325.3804	1028.543266	5.349966
326.5477	1032.375298	5.359976
327.654	1036.260063	5.369985
328.7374	1040.144829	5.379995
329.8589	1044.064751	5.390005
331.0186	1047.931938	5.400015
332.2316	1051.763969	5.409963
333.46	1055.525688	5.419973
334.6502	1059.375298	5.429983
335.7793	1063.189751	5.439993
336.8703	1067.03936	5.450002
337.9613	1070.924126	5.460012
339.0828	1074.773735	5.469961
340.2654	1078.57061	5.479971
341.4632	1082.297173	5.48998
342.6229	1086.006157	5.49999
343.7215	1089.715141	5.51
344.7744	1093.47686	5.52001
345.8272	1097.203423	5.529958
346.8953	1100.929985	5.539968
347.994	1104.621391	5.549978
349.1384	1108.242485	5.559988
350.298	1111.846001	5.569998
351.4119	1115.484673	5.580007
352.4572	1119.140923	5.589956
353.4795	1122.849907	5.599966
354.5324	1126.594048	5.609976
355.631	1130.303032	5.619985
356.7754	1133.994438	5.629995
357.958	1137.668266	5.640005
359.11	1141.377251	5.650015
360.2163	1145.121391	5.659963
361.2844	1148.918266	5.669973
362.3525	1152.732788	5.679983
363.4588	1156.582397	5.689993

364.6032	1160.414429	5.700002
365.7781	1164.193726	5.710012
366.9683	1167.990601	5.719961
368.1127	1171.752319	5.729971
369.2037	1175.584351	5.73998
370.2794	1179.451538	5.74999
371.3781	1183.318726	5.76
372.5148	1187.168335	5.77001
373.6974	1190.96521	5.779958
374.8952	1194.709351	5.789968
376.0473	1198.453491	5.799978
377.1459	1202.303101	5.809988
378.1987	1206.187866	5.819998
379.2745	1210.107788	5.830007
380.396	1214.02771	5.839956
381.5633	1217.894897	5.849966
382.7611	1221.762085	5.859976
383.9437	1225.594116	5.869985
385.0805	1229.461304	5.879995
386.1638	1233.346069	5.890005
387.2396	1237.248413	5.900015
388.315	1241.106125	5.910015
389.4136	1244.850266	5.919963
390.5275	1248.55925	5.929973
391.649	1252.180344	5.939983
392.7248	1255.819016	5.949993
393.7548	1259.422531	5.960002
394.7618	1263.043625	5.970012
395.7765	1266.699875	5.979961
396.8141	1270.338547	5.989971
397.9051	1273.942062	5.99998
399.0267	1277.510422	6.00999
400.1253	1281.078781	6.02
401.1705	1284.647141	6.03001
402.1852	1288.285812	6.039958
403.2076	1291.959641	6.049968
404.2604	1295.651047	6.059978
405.3362	1299.360031	6.069988
406.473	1303.016281	6.079998
407.625	1306.690109	6.090007
408.7465	1310.381516	6.099956
409.8299	1314.072922	6.109966
410.8751	1317.834641	6.119976
411.9432	1321.649094	6.129985

413.019	1325.445969	6.139995
414.1634	1329.172531	6.150005
415.3459	1332.881516	6.160015
416.5056	1336.555344	6.169963
417.6042	1340.299484	6.179973
418.6342	1344.043625	6.189983
419.6718	1347.8405	6.199993
420.7399	1351.637375	6.210002
421.8614	1355.363937	6.220012
423.0287	1359.037766	6.229961
424.1808	1362.711594	6.239971
425.2794	1366.438156	6.24998
426.3323	1370.182297	6.25999
427.3699	1373.979172	6.27
428.438	1377.793625	6.28001
429.5366	1381.572922	6.289958
430.6963	1385.281906	6.299968
431.8712	1388.955734	6.309978
433.0156	1392.664719	6.319988
434.1066	1396.391281	6.329998
435.1518	1400.135422	6.340007
436.1894	1403.897141	6.349956
437.2423	1407.588547	6.359966
438.3333	1411.209641	6.369976
439.4548	1414.778	6.379985
440.5382	1418.293625	6.389995
441.5605	1421.826828	6.400005
442.5257	1425.412766	6.410015
443.4908	1428.998703	6.419963
444.4902	1432.584641	6.429973
445.5202	1436.117844	6.439983
446.5883	1439.598312	6.449993
447.6717	1443.096359	6.460002
448.7245	1446.576828	6.470012
449.7087	1450.074875	6.479961
450.6815	1453.643234	6.489971
451.6657	1457.24675	6.49998
452.6804	1460.850266	6.50999
453.7409	1464.401047	6.52
454.8395	1467.969406	6.53001
455.9458	1471.537766	6.539958
457.0062	1475.158859	6.549968
458.0362	1478.815109	6.559978
459.0662	1482.541672	6.569988

460.1038	1486.303391	6.579998
461.1795	1489.994797	6.590007
462.301	1493.598312	6.599956
463.4149	1497.166672	6.609966
464.4602	1500.752609	6.619976
465.4596	1504.373703	6.629985
466.4514	1508.012375	6.639995
467.4738	1511.668625	6.650005
468.519	1515.272141	6.660015
469.6024	1518.8405	6.669963
470.7086	1522.391281	6.679973
471.7996	1525.977219	6.689983
472.8372	1529.615891	6.699993
473.8214	1533.307297	6.710002
474.8133	1537.033859	6.720012
475.8737	1540.742844	6.729961
476.9876	1544.451828	6.739971
478.1397	1548.0905	6.74998
479.2764	1551.74675	6.75999
480.3598	1555.438156	6.77
481.3822	1559.147141	6.78001
482.3892	1562.856125	6.789958
483.4192	1566.547531	6.799968
484.4797	1570.186203	6.809978
485.5631	1573.754562	6.819988
486.6312	1577.252609	6.829998
487.6459	1580.733078	6.840007
488.6186	1584.231125	6.849956
489.5571	1587.781906	6.859966
490.5107	1591.315109	6.869976
491.4873	1594.813156	6.879985
492.5173	1598.276047	6.889995
493.5854	1601.703781	6.900005
494.6306	1605.113937	6.910015
495.6224	1608.576828	6.919963
496.5723	1612.057297	6.929973
497.5183	1615.608078	6.939983
498.5102	1619.158859	6.949993
499.5401	1622.709641	6.960002
500.6312	1626.225266	6.970012
501.745	1629.758469	6.979961
502.8132	1633.30925	6.989971
503.8279	1636.895187	6.99998
504.8197	1640.551437	7.00999

505.842	1644.207687	7.02
506.872	1647.899094	7.03001
507.9554	1651.537766	7.039958
509.054	1655.106125	7.049968
510.1603	1658.674484	7.059978
511.1902	1662.260422	7.069988
512.1744	1665.899094	7.079998
513.1586	1669.520187	7.090007
514.1733	1673.176437	7.099956
515.2414	1676.779953	7.109966
516.3477	1680.313156	7.119976
517.4387	1683.811203	7.129985
518.4916	1687.361984	7.139995
519.4758	1690.9655	7.150005
520.4485	1694.62175	7.160015
521.448	1698.260422	7.169963
522.5084	1701.899094	7.179973
523.6147	1705.520187	7.189983
524.7362	1709.070969	7.199993
525.8196	1712.674484	7.210002
526.8572	1716.295578	7.220012
527.8643	1719.969406	7.229961
528.8714	1723.625656	7.239971
529.8861	1727.264328	7.24998
530.9237	1730.815109	7.25999
531.9842	1734.313156	7.27
533.0294	1737.758469	7.28001
534.0059	1741.186203	7.289958
534.9291	1744.68425	7.299968
535.8446	1748.129562	7.309978
536.7907	1751.610031	7.319988
537.7825	1755.002609	7.329998
538.8125	1758.377609	7.340007
539.8424	1761.735031	7.349956
540.8266	1765.127609	7.359966
541.7765	1768.555344	7.369976
542.6996	1772.035812	7.379985
543.6533	1775.586594	7.389995
544.6375	1779.137375	7.400005
545.6904	1782.688156	7.410015
546.7585	1786.238937	7.419963
547.8418	1789.807297	7.429973
548.8642	1793.358078	7.439983
549.856	1797.014328	7.449993

550.8326	1800.688156	7.460002
551.8244	1804.361984	7.470012
552.862	1808.000656	7.479961
553.9301	1811.569016	7.489971
555.0135	1815.102219	7.49998
556.0511	1818.635422	7.50999
557.0276	1822.203781	7.52
557.9699	1825.789719	7.53001
558.9274	1829.410812	7.539958
559.9192	1832.979172	7.549968
560.9644	1836.477219	7.559978
562.0325	1839.940109	7.569988
563.0701	1843.420578	7.579998
564.0467	1846.936203	7.590007
564.9851	1850.486984	7.599956
565.935	1854.072922	7.609966
566.9191	1857.623703	7.619976
567.9491	1861.174484	7.629985
569.0249	1864.654953	7.639995
570.093	1868.135422	7.650005
571.1001	1871.651047	7.660015
572.0537	1875.219406	7.669963
572.9921	1878.787766	7.679973
573.9458	1882.320969	7.689983
574.9224	1885.783859	7.699993
575.9295	1889.211594	7.710002
576.9365	1892.551437	7.720012
577.8978	1895.891281	7.729961
578.7943	1899.266281	7.739971
579.6602	1902.606125	7.74998
580.5452	1905.981125	7.75999
581.4417	1909.268234	7.77
582.3801	1912.520187	7.78001
583.3529	1915.736984	7.789958
584.3027	1918.953781	7.799968
585.1915	1922.205734	7.809978
586.0308	1925.492844	7.819988
586.8776	1928.779953	7.829998
587.7588	1932.119797	7.840007
588.6858	1935.442062	7.849956
589.67	1938.711594	7.859966
590.6847	1942.033859	7.869976
591.6536	1945.356125	7.879985
592.5844	1948.748703	7.889995

593.4885	1952.176437	7.900005
594.4193	1955.656906	7.910015
595.373	1959.137375	7.919963
596.3801	1962.617844	7.929973
597.4329	1966.028	7.939983
598.4553	1969.420578	7.949993
599.4166	1972.848312	7.960002
600.3245	1976.328781	7.970012
601.2476	1979.844406	7.979961
602.2013	1983.342453	7.989971
603.1855	1986.805344	7.99998
604.2078	1990.197922	8.00999
605.2378	1993.572922	8.02
606.2296	1996.983078	8.03001
607.1642	2000.410812	8.039958
608.0607	2003.926437	8.049968
608.98	2007.424484	8.059978
609.9489	2010.904953	8.069988
610.9713	2014.350266	8.079998
612.0318	2017.760422	8.090007
613.0465	2021.188156	8.099956
614.0078	2024.615891	8.109966
614.9195	2028.096359	8.119976
615.8388	2031.576828	8.129985
616.7772	2035.039719	8.139995
617.7538	2038.432297	8.150005
618.7533	2041.772141	8.160015
619.7298	2045.05925	8.169963
620.6415	2048.346359	8.179973
621.5037	2051.615891	8.189983
622.3543	2054.938156	8.199993
623.2241	2058.242844	8.210002
624.1243	2061.494797	8.220012
625.0666	2064.641281	8.229961
626.0317	2067.787766	8.239971
626.951	2070.916672	8.24998
627.7979	2074.098312	8.25999
628.6333	2077.332687	8.27
629.4878	2080.567062	8.28001
630.3919	2083.819016	8.289958
631.3379	2087.018234	8.299968
632.3221	2090.235031	8.309978
633.2987	2093.469406	8.319988
634.2219	2096.80925	8.329998

635.1107	2100.131516	8.340007
636.0186	2103.524094	8.349956
636.9265	2106.899094	8.359966
637.8573	2110.291672	8.369976
638.8071	2113.613937	8.379985
639.7837	2116.901047	8.389995
640.7374	2120.223312	8.400005
641.6414	2123.580734	8.410015
642.5226	2126.973312	8.419963
643.4115	2130.383469	8.429973
644.3461	2133.793625	8.439983
645.3303	2137.203781	8.449993
646.3526	2140.543625	8.460002
647.3368	2143.848312	8.470012
648.2599	2147.240891	8.479961
649.1373	2150.651047	8.489971
650.0223	2154.096359	8.49998
650.9379	2157.506516	8.50999
651.8992	2160.881516	8.52
652.8986	2164.221359	8.53001
653.8981	2167.526047	8.539958
654.8594	2170.848312	8.549968
655.7787	2174.205734	8.559978
656.6675	2177.598312	8.569988
657.564	2180.955734	8.579998
658.4795	2184.278	8.590007
659.4217	2187.529953	8.599956
660.364	2190.764328	8.609966
661.2642	2193.945969	8.619976
662.1149	2197.127609	8.629985
662.9427	2200.344406	8.639995
663.7819	2203.578781	8.650005
664.6555	2206.795578	8.660015
665.5748	2209.942062	8.669963
666.5323	2213.053391	8.679973
667.4708	2216.199875	8.689983
668.3634	2219.328781	8.699993
669.1988	2222.510422	8.710002
670.0419	2225.709641	8.720012
670.9116	2228.979172	8.729961
671.8233	2232.231125	8.739971
672.7884	2235.412766	8.74998
673.7726	2238.629562	8.75999
674.7416	2241.846359	8.77

675.6533	2245.151047	8.78001
676.5383	2248.473312	8.789958
677.4309	2251.830734	8.799968
678.3312	2255.205734	8.809978
679.2887	2258.492844	8.819988
680.2729	2261.744797	8.829998
681.2418	2264.979172	8.840007
682.1459	2268.266281	8.849956
682.9928	2271.588547	8.859966
683.8472	2274.945969	8.869976
684.7208	2278.268234	8.879985
685.6554	2281.555344	8.889995
686.6205	2284.807297	8.900005
687.5818	2288.041672	8.910015
688.4783	2291.311203	8.919963
689.329	2294.580734	8.929973
690.1644	2297.920578	8.939983
691.0265	2301.242844	8.949993
691.9306	2304.512238	8.960002
692.8843	2307.711456	8.970012
693.8532	2310.910675	8.979961
694.7764	2314.127472	8.989971
695.6461	2317.326691	8.99998
696.4815	2320.508331	9.00999
697.3208	2323.760284	9.02
698.1829	2326.959503	9.03001
699.0717	2330.053253	9.039958
699.9872	2333.129425	9.049968
700.8799	2336.152863	9.059978
701.7038	2339.211456	9.069988
702.4859	2342.287628	9.079998
703.2717	2345.3638	9.090007
704.0918	2348.510284	9.099956
704.9502	2351.691925	9.109966
705.8352	2354.785675	9.119976
706.7392	2357.897003	9.129985
707.5976	2361.043488	9.139995
708.4215	2364.189972	9.150005
709.2112	2367.389191	9.160015
710.0275	2370.641144	9.169963
710.8706	2373.840363	9.179973
711.767	2377.074738	9.189983
712.6978	2380.203644	9.199993
713.6286	2383.279816	9.210002

714.5098	2386.461456	9.220012
715.3605	2389.678253	9.229961
716.2111	2392.912628	9.239971
717.0847	2396.199738	9.24998
718.0002	2399.416534	9.25999
718.9539	2402.598175	9.27
719.919	2405.797394	9.28001
720.8307	2408.979034	9.289958
721.6929	2412.213409	9.299968
722.5321	2415.518097	9.309978
723.4018	2418.77005	9.319988
724.3097	2422.057159	9.329998
725.2558	2425.309113	9.340007
726.2247	2428.490753	9.349956
727.1593	2431.689972	9.359966
728.0405	2434.906769	9.369976
728.8759	2438.141144	9.379985
729.7228	2441.445831	9.389995
730.6002	2444.732941	9.400005
731.5233	2447.984894	9.410015
732.4923	2451.166534	9.419963
733.4498	2454.295441	9.429973
734.3462	2457.441925	9.439983
735.1702	2460.605988	9.449993
735.9713	2463.787628	9.460002
736.78	2466.969269	9.470012
737.623	2470.080597	9.479961
738.4966	2473.086456	9.489971
739.3892	2476.057159	9.49998
740.2437	2479.010284	9.50999
741.041	2481.963409	9.52
741.8078	2484.951691	9.53001
742.5707	2487.95755	9.539958
743.3603	2490.928253	9.549968
744.1881	2493.881378	9.559978
745.0693	2496.781769	9.569988
745.9276	2499.682159	9.579998
746.7249	2502.635284	9.590007
747.484	2505.605988	9.599956
748.2508	2508.594269	9.609966
749.0519	2511.635284	9.619976
749.8987	2514.6763	9.629985
750.7914	2517.664581	9.639995
751.7031	2520.705597	9.650005

752.5805	2523.729034	9.660015
753.4121	2526.787628	9.669963
754.2284	2529.881378	9.679973
755.0562	2533.027863	9.689983
755.8878	2536.139191	9.699993
756.7576	2539.268097	9.710002
757.654	2542.309113	9.720012
758.539	2545.33255	9.729961
759.3783	2548.408722	9.739971
760.1793	2551.52005	9.74998
760.9842	2554.684113	9.75999
761.8082	2557.865753	9.77
762.6665	2560.977081	9.78001
763.5592	2564.000519	9.789958
764.448	2567.076691	9.799968
765.272	2570.117706	9.809978
766.0387	2573.246613	9.819988
766.7902	2576.393097	9.829998
767.5722	2579.504425	9.840007
768.4191	2582.615753	9.849956
769.3079	2585.674347	9.859966
770.2158	2588.732941	9.869976
771.0932	2591.809113	9.879985
771.9324	2594.867706	9.889995
772.7259	2597.943878	9.900005
773.5117	2601.037628	9.910015
774.3014	2604.1138	9.919963
775.133	2607.084503	9.929973
775.9874	2610.055206	9.939983
776.8191	2612.938019	9.949993
777.5972	2615.820831	9.960002
778.3297	2618.721222	9.970012
779.0659	2621.656769	9.979961
779.8288	2624.574738	9.989971
780.6337	2627.475128	9.99998
781.4692	2630.305206	10.00999
782.3084	2633.100128	10.02
783.0866	2635.912628	10.03001
783.8305	2638.742706	10.03996
784.5629	2641.607941	10.04997
785.3258	2644.508331	10.05998
786.0964	2647.4263	10.06999
786.9089	2650.273956	10.08
787.771	2653.121613	10.09001

788.6408	2655.986847	10.09996
789.4724	2658.904816	10.10997
790.262	2661.857941	10.11998
791.0479	2664.898956	10.12999
791.8451	2667.922394	10.14
792.6806	2670.963409	10.15
793.5579	2673.916534	10.16001
794.4315	2676.834503	10.16996
795.2555	2679.77005	10.17997
796.0146	2682.740753	10.18998
796.7547	2685.729034	10.19999
797.51	2688.717316	10.21
798.3072	2691.670441	10.22001
799.1427	2694.570831	10.22996
800.001	2697.453644	10.23997
800.8211	2700.318878	10.24998
801.5879	2703.201691	10.25999
802.3317	2706.154816	10.27
803.0909	2709.178253	10.28001
803.8881	2712.166534	10.28996
804.7236	2715.137238	10.29997
805.5933	2718.072784	10.30998
806.4707	2720.990753	10.31999
807.3023	2723.873566	10.33
808.0881	2726.826691	10.34001
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809.5797	2732.785675	10.35997
810.3502	2735.721222	10.36998
811.1704	2738.516144	10.37999
811.9867	2741.258331	10.39
812.7688	2744.018097	10.4
813.4745	2746.760284	10.41001
814.1611	2749.52005	10.41996
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815.5993	2755.109894	10.43998
816.3813	2757.816925	10.44999
817.19	2760.436066	10.46
817.972	2763.090363	10.47001
818.7121	2765.797394	10.47996
819.4101	2768.522003	10.48997
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821.6074	2776.871613	10.52
822.4238	2779.648956	10.53001

823.263	2782.4263	10.53996
824.0908	2785.221222	10.54997
824.8728	2788.121613	10.55998
825.6319	2791.039581	10.56999
826.4216	2793.939972	10.58
827.2341	2796.893097	10.59001
828.0962	2799.775909	10.59996
828.9698	2802.641144	10.60997
829.8319	2805.506378	10.61998
830.6139	2808.371613	10.62999
831.3578	2811.289581	10.64
832.1055	2814.225128	10.65
832.8798	2817.178253	10.66001
833.6962	2820.043488	10.66996
834.5392	2822.908722	10.67997
835.3975	2825.756378	10.68998
836.2024	2828.568878	10.69999
836.9616	2831.434113	10.71
837.6978	2834.316925	10.72001
838.4569	2837.27005	10.72996
839.2542	2840.170441	10.73997
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840.9708	2845.813019	10.75999
841.8177	2848.625519	10.77
842.6035	2851.490753	10.78001
843.3321	2854.373566	10.78996
844.0683	2857.273956	10.79997
844.8313	2860.139191	10.80998
845.6247	2862.969269	10.81999
846.422	2865.658722	10.83
847.1964	2868.295441	10.84001
847.9097	2870.984894	10.84996
848.5811	2873.656769	10.85997
849.2411	2876.328644	10.86998
849.9201	2878.982941	10.87999
850.6334	2881.584503	10.89
851.3849	2884.115753	10.9
852.1517	2886.594269	10.91001
852.872	2889.121399	10.92001
853.5358	2891.687805	10.92996
854.169	2894.324524	10.93997
854.8175	2896.961243	10.94998
855.4889	2899.633118	10.95999
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856.969	2904.888977	10.98001
857.7434	2907.57843	10.98996
858.4834	2910.320618	10.99997
859.1853	2913.097961	11.00998
859.872	2915.945618	11.01999
860.5624	2918.775696	11.03
861.2834	2921.605774	11.04001
862.0692	2924.435852	11.04996
862.8818	2927.213196	11.05997
863.6676	2930.025696	11.06998
864.3886	2932.838196	11.07999
865.0752	2935.668274	11.09
865.7771	2938.533508	11.10001
866.521	2941.416321	11.10996
867.3106	2944.211243	11.11997
868.127	2946.918274	11.12998
868.9166	2949.660461	11.13999
869.6452	2952.385071	11.15
870.3357	2955.144836	11.16
871.03	2957.957336	11.17001
871.7624	2960.769836	11.17996
872.5444	2963.512024	11.18997
873.3608	2966.236633	11.19998
874.1771	2968.943665	11.20999
874.9439	2971.633118	11.22
875.6648	2974.375305	11.23001
876.3782	2977.117493	11.23996
877.0992	2979.912415	11.24997
877.8354	2982.654602	11.25998
878.6136	2985.308899	11.26999
879.4032	2987.92804	11.28
880.1662	2990.529602	11.29001
880.8528	2993.148743	11.29996
881.5013	2995.785461	11.30997
882.1574	2998.457336	11.31998
882.8403	3001.111633	11.32999
883.5841	3003.660461	11.34
884.3623	3006.156555	11.35001
885.11	3008.635071	11.35996
885.789	3011.113586	11.36997
886.4146	3013.627258	11.37998
887.0555	3016.228821	11.38999
887.7269	3018.830383	11.4
888.4326	3021.379211	11.41

889.1956	3023.910461	11.42001
889.9814	3026.45929	11.42996
890.7367	3029.025696	11.43997
891.4462	3031.662415	11.44998
892.1367	3034.351868	11.45999
892.8272	3037.094055	11.47
893.5405	3039.836243	11.48001
894.2958	3042.472961	11.48996
895.1083	3045.092102	11.49997
895.8865	3047.676086	11.50998
896.6037	3050.295227	11.51999
897.2713	3052.967102	11.53
897.9656	3055.674133	11.54001
898.6942	3058.363586	11.54996
899.4609	3060.982727	11.55997
900.2467	3063.58429	11.56998
901.0211	3066.133118	11.57999
901.7459	3068.73468	11.59
902.4211	3071.371399	11.60001
903.0887	3074.060852	11.60996
903.7677	3076.732727	11.61997
904.4849	3079.387024	11.62998
905.2478	3081.935852	11.63999
906.0565	3084.48468	11.65
906.8347	3087.068665	11.66
907.5557	3089.635071	11.67001
908.2309	3092.27179	11.67996
908.9175	3094.873352	11.68997
909.6195	3097.457336	11.69998
910.3633	3099.971008	11.70999
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911.8854	3104.945618	11.73001
912.5758	3107.441711	11.73996
913.2167	3109.902649	11.74997
913.8538	3112.363586	11.75998
914.5061	3114.842102	11.76999
915.1965	3117.232727	11.78
915.9175	3119.588196	11.79001
916.6499	3121.943665	11.79996
917.3328	3124.316711	11.80997
917.9736	3126.707336	11.81998
918.584	3129.080383	11.82999
919.2096	3131.523743	11.84
919.8581	3133.967102	11.85001

920.5638	3136.357727	11.85996
921.3115	3138.783508	11.86997
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922.7649	3143.705383	11.88999
923.4325	3146.219055	11.9
924.0962	3148.767883	11.91
924.7676	3151.281555	11.92001
925.4695	3153.795227	11.92996
926.2096	3156.238586	11.93997
926.9534	3158.73468	11.94998
927.6744	3161.230774	11.95999
928.342	3163.726868	11.97
929.0019	3166.275696	11.98001
929.6695	3168.824524	11.98996
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932.5839	3178.773743	12.03
933.2591	3181.269836	12.04001
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934.5485	3186.262024	12.05997
935.239	3188.722961	12.06998
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937.4858	3195.947571	12.10001
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938.821	3200.746399	12.11997
939.4618	3203.17218	12.12998
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940.7932	3207.971008	12.15
941.4874	3210.273743	12.16
942.1817	3212.541321	12.17001
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943.4139	3217.058899	12.18997
943.9784	3219.308899	12.19998
944.5583	3221.611633	12.20999
945.8247	3226.05011	12.23001
947.2247	3230.409485	12.24997
948.4607	3234.874329	12.26999
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949.6738	3239.532532	12.29001
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956.4143	3262.656555	12.38999
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957.7914	3267.349915	12.41
958.4018	3269.74054	12.42001
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963.7462	3288.812805	12.49997
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978.4786	3341.907532	12.73001
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1012.899	3463.187805	13.25998
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