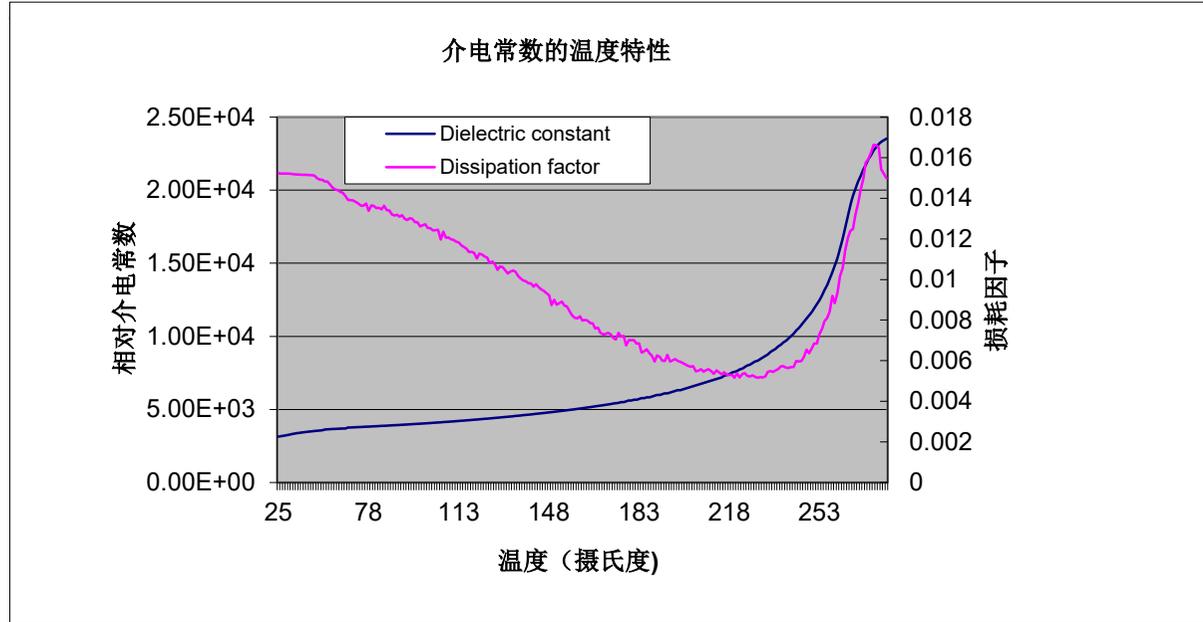


Temp C	Cap F	D
41	5.99E+00	1.436567
46.8	6.07E+00	1.466616
49.7	6.13E+00	1.503947
51.7	6.19E+00	1.517907
53.4	6.23E+00	1.526704
54.9	6.28E+00	1.540462
56.3	6.32E+00	1.536837
57.6	6.36E+00	1.53691
58.6	6.40E+00	1.54267
59.5	6.43E+00	1.533356
60.4	6.47E+00	1.514644
61.2	6.50E+00	1.503227
61.8	6.53E+00	1.518478
62.5	6.56E+00	1.518025
63	6.58E+00	1.511435
63.4	6.61E+00	1.486815
63.9	6.63E+00	1.489284
64.3	6.65E+00	1.499676
64.6	6.68E+00	1.494473
64.9	6.70E+00	1.46742
65.1	6.72E+00	1.487651
65.4	6.73E+00	1.461871
65.5	6.75E+00	1.444796
65.7	6.77E+00	1.448966
65.8	6.78E+00	1.448138
66	6.79E+00	1.434525
66.1	6.81E+00	1.449156
66.2	6.82E+00	1.431976
66.2	6.83E+00	1.421878
66.3	6.84E+00	1.402977
66.4	6.85E+00	1.416137
66.4	6.86E+00	1.399748
66.4	6.87E+00	1.398004
66.6	6.88E+00	1.373564
68.5	6.90E+00	1.391867
70.2	6.91E+00	1.378391



71.7	6.93E+00	1.390079
73	6.94E+00	1.382377
74.2	6.96E+00	1.374355
75.4	6.97E+00	1.364064
76.4	6.99E+00	1.363994
77.5	7.01E+00	1.374044
78.5	7.02E+00	1.338008
79.6	7.04E+00	1.36504
80.6	7.06E+00	1.36274
81.6	7.07E+00	1.351354
82.6	7.09E+00	1.352682
83.6	7.11E+00	1.345141
84.6	7.12E+00	1.364271
85.6	7.14E+00	1.341059
86.6	7.16E+00	1.341236
87.6	7.18E+00	1.320716
88.6	7.20E+00	1.31569
89.6	7.21E+00	1.318354
90.6	7.23E+00	1.309399
91.6	7.25E+00	1.317413
92.6	7.27E+00	1.299509
93.6	7.29E+00	1.293721
94.6	7.31E+00	1.301488
95.6	7.33E+00	1.29976
96.6	7.35E+00	1.282969
97.6	7.37E+00	1.28203
98.6	7.39E+00	1.260677
99.6	7.41E+00	1.267824
100.6	7.43E+00	1.271785
101.6	7.45E+00	1.253478
102.6	7.47E+00	1.252
103.6	7.50E+00	1.242418
104.6	7.52E+00	1.243745
105.6	7.54E+00	1.245236
106.6	7.56E+00	1.197301
107.6	7.59E+00	1.235575
108.6	7.61E+00	1.20524

109.6	7.63E+00	1.207849
110.6	7.66E+00	1.197963
111.6	7.68E+00	1.194579
112.5	7.71E+00	1.186565
113.6	7.73E+00	1.183566
114.6	7.76E+00	1.168031
115.6	7.78E+00	1.159859
116.6	7.81E+00	1.151457
117.6	7.83E+00	1.135064
118.6	7.86E+00	1.13573
119.6	7.89E+00	1.130146
120.6	7.91E+00	1.102948
121.6	7.94E+00	1.126779
122.6	7.97E+00	1.122295
123.6	8.00E+00	1.113267
124.6	8.02E+00	1.108526
125.6	8.05E+00	1.080352
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127.5	8.11E+00	1.076823
128.6	8.14E+00	1.047626
129.6	8.17E+00	1.063574
130.6	8.20E+00	1.061561
131.6	8.23E+00	1.046672
132.6	8.26E+00	1.030241
133.6	8.29E+00	1.038154
134.6	8.32E+00	1.044227
135.6	8.36E+00	1.038063
136.6	8.39E+00	1.017112
137.6	8.42E+00	1.004993
138.6	8.46E+00	0.994501
139.6	8.49E+00	0.991456
140.6	8.52E+00	0.981389
141.6	8.55E+00	0.98093
142.6	8.59E+00	0.964793
143.6	8.63E+00	0.976696
144.6	8.66E+00	0.961308
145.6	8.70E+00	0.951013

146.6	8.73E+00	0.943546
147.6	8.77E+00	0.932607
148.6	8.81E+00	0.922405
149.6	8.84E+00	0.874404
150.6	8.88E+00	0.899904
151.6	8.92E+00	0.875242
152.6	8.96E+00	0.882858
153.6	9.00E+00	0.891556
154.6	9.04E+00	0.871475
155.6	9.08E+00	0.866246
156.6	9.12E+00	0.842905
157.6	9.16E+00	0.822731
158.6	9.20E+00	0.811846
159.6	9.25E+00	0.808358
160.6	9.29E+00	0.819287
161.6	9.33E+00	0.79805
162.6	9.38E+00	0.800959
163.6	9.43E+00	0.797519
164.6	9.47E+00	0.785358
165.6	9.52E+00	0.783444
166.6	9.57E+00	0.759082
167.6	9.62E+00	0.763233
168.6	9.66E+00	0.73693
169.6	9.71E+00	0.729959
170.6	9.76E+00	0.731502
171.6	9.81E+00	0.737498
172.6	9.86E+00	0.72922
173.6	9.92E+00	0.711078
174.6	9.97E+00	0.704243
175.6	1.00E+01	0.738001
176.6	1.01E+01	0.718041
177.6	1.01E+01	0.722111
178.6	1.02E+01	0.675792
179.6	1.03E+01	0.701508
180.6	1.03E+01	0.700888
181.6	1.04E+01	0.701786
182.6	1.04E+01	0.684468

183.6	1.05E+01	0.684349
184.6	1.06E+01	0.639501
185.6	1.06E+01	0.646822
186.6	1.07E+01	0.655882
187.6	1.07E+01	0.636519
188.6	1.08E+01	0.624467
189.6	1.09E+01	0.595553
190.6	1.10E+01	0.626092
191.6	1.10E+01	0.618768
192.6	1.11E+01	0.600278
193.6	1.12E+01	0.598494
194.6	1.12E+01	0.629716
195.6	1.13E+01	0.596017
196.6	1.14E+01	0.601703
197.5	1.15E+01	0.6079
198.6	1.16E+01	0.598893
199.6	1.16E+01	0.594286
200.6	1.17E+01	0.588939
201.6	1.18E+01	0.581518
202.6	1.19E+01	0.575282
203.6	1.20E+01	0.570886
204.6	1.21E+01	0.573232
205.6	1.22E+01	0.54829
206.6	1.23E+01	0.55025
207.6	1.24E+01	0.558262
208.6	1.25E+01	0.545686
209.6	1.26E+01	0.554072
210.6	1.27E+01	0.557586
211.6	1.28E+01	0.547975
212.6	1.29E+01	0.536237
213.6	1.30E+01	0.55188
214.6	1.31E+01	0.542857
215.6	1.32E+01	0.532555
216.6	1.34E+01	0.543803
217.6	1.35E+01	0.531075
218.6	1.36E+01	0.529711
219.6	1.38E+01	0.531183

220.6	1.39E+01	0.516204
221.6	1.40E+01	0.537726
222.6	1.42E+01	0.51752
223.6	1.43E+01	0.534526
224.6	1.45E+01	0.538913
225.6	1.47E+01	0.524772
226.6	1.48E+01	0.521687
227.6	1.50E+01	0.528248
228.6	1.52E+01	0.52086
229.6	1.53E+01	0.515701
230.6	1.55E+01	0.518477
231.6	1.57E+01	0.518226
232.6	1.59E+01	0.52177
233.6	1.61E+01	0.544002
234.6	1.64E+01	0.548866
235.6	1.66E+01	0.545239
236.6	1.68E+01	0.552308
237.6	1.71E+01	0.558518
238.6	1.73E+01	0.571453
239.6	1.76E+01	0.573637
240.6	1.78E+01	0.565446
241.6	1.81E+01	0.564486
242.6	1.84E+01	0.568245
243.6	1.87E+01	0.569445
244.5	1.91E+01	0.599336
245.6	1.94E+01	0.595251
246.6	1.98E+01	0.599345
247.6	2.02E+01	0.618594
248.6	2.06E+01	0.65514
249.6	2.10E+01	0.636812
250.6	2.14E+01	0.661107
251.6	2.19E+01	0.684852
252.6	2.24E+01	0.685311
253.6	2.29E+01	0.729607
254.6	2.35E+01	0.756267
255.6	2.42E+01	0.794045
256.6	2.48E+01	0.811126

257.6	2.56E+01	0.841886
258.6	2.64E+01	0.918974
259.6	2.73E+01	0.883306
260.6	2.82E+01	0.936431
261.6	2.94E+01	1.016167
262.6	3.06E+01	1.05664
263.6	3.20E+01	1.140556
264.6	3.34E+01	1.203809
265.6	3.48E+01	1.238622
266.6	3.60E+01	1.249772
267.6	3.69E+01	1.320834
268.6	3.78E+01	1.376055
269.6	3.85E+01	1.440977
270.6	3.93E+01	1.496469
271.6	3.99E+01	1.57598
272.6	4.06E+01	2.062338
273.6	4.11E+01	2.159215
274.6	4.17E+01	1.712443
275.6	4.21E+01	1.266549
276.6	4.25E+01	1.247554
277.6	4.28E+01	1.256726
278.6	4.30E+01	1.718609
279.6	4.32E+01	2.516888

Th=0.143

Temp C	ε	$\text{tg}\delta$
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29	3.17E+03	0.015225

33	3.20E+03	0.015221
37	3.23E+03	0.015217
41	3.26E+03	0.015212
46.8	3.31E+03	0.015206
49.7	3.34E+03	0.015188
51.7	3.37E+03	0.015179
53.4	3.39E+03	0.015171
54.9	3.42E+03	0.015163
56.3	3.44E+03	0.015156
57.6	3.46E+03	0.015151
58.6	3.49E+03	0.015143
59.5	3.50E+03	0.015138
60.4	3.52E+03	0.01511
61.2	3.54E+03	0.015
61.8	3.56E+03	0.01492
62.5	3.57E+03	0.01491
64.3	3.62E+03	0.01482
64.6	3.64E+03	0.014821
64.9	3.65E+03	0.014674
65.1	3.66E+03	0.014531
65.4	3.67E+03	0.014432
65.5	3.68E+03	0.0144
65.7	3.69E+03	0.014321
65.8	3.69E+03	0.014268
66	3.70E+03	0.01411
68.5	3.76E+03	0.013919
70.2	3.76E+03	0.013912
71.7	3.77E+03	0.013901
73	3.78E+03	0.013824
74.2	3.79E+03	0.013744
75.4	3.80E+03	0.013641
76.4	3.81E+03	0.01364
77.5	3.82E+03	0.01374
78	3.82E+03	0.01338
79.6	3.83E+03	0.01365
80.6	3.85E+03	0.013627
81.6	3.85E+03	0.013514

82.6	3.86E+03	0.013527
83.6	3.87E+03	0.013451
84.6	3.88E+03	0.013643
85.6	3.89E+03	0.013411
86.6	3.90E+03	0.013412
87.6	3.91E+03	0.013207
88.6	3.92E+03	0.013157
89.6	3.93E+03	0.013184
90.6	3.94E+03	0.013094
91.6	3.95E+03	0.013174
92.6	3.96E+03	0.012995
93.6	3.97E+03	0.012937
94.6	3.98E+03	0.013015
95.6	3.99E+03	0.012998
96.6	4.00E+03	0.01283
97.6	4.01E+03	0.01282
98.6	4.02E+03	0.012607
99.6	4.04E+03	0.012678
100.6	4.05E+03	0.012718
101.6	4.06E+03	0.012535
102.6	4.07E+03	0.01252
103.6	4.08E+03	0.012424
104.6	4.10E+03	0.012437
105.6	4.11E+03	0.012452
106.6	4.12E+03	0.011973
107.6	4.13E+03	0.012356
108.6	4.14E+03	0.012052
109.6	4.16E+03	0.012078
110.6	4.17E+03	0.01198
111.6	4.18E+03	0.011946
112.5	4.20E+03	0.011866
113	4.21E+03	0.011836
114.6	4.23E+03	0.01168
115.6	4.24E+03	0.011599
116.6	4.25E+03	0.011515
117.6	4.26E+03	0.011351
118.6	4.28E+03	0.011357

119.6	4.30E+03	0.011301
120.6	4.31E+03	0.011029
121.6	4.32E+03	0.011268
122.6	4.34E+03	0.011223
123.6	4.36E+03	0.011133
124.6	4.37E+03	0.011085
125.6	4.38E+03	0.010804
126.6	4.40E+03	0.010877
127.5	4.42E+03	0.010768
128.6	4.43E+03	0.010476
129.6	4.45E+03	0.010636
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133	4.52E+03	0.010382
134.6	4.53E+03	0.010442
135.6	4.55E+03	0.010381
136.6	4.57E+03	0.010171
137.6	4.59E+03	0.01005
138.6	4.61E+03	0.009945
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141.6	4.66E+03	0.009809
142.6	4.68E+03	0.009648
143.6	4.70E+03	0.009767
144.6	4.72E+03	0.009613
145.6	4.74E+03	0.00951
146.6	4.75E+03	0.009435
147.6	4.78E+03	0.009326
148	4.80E+03	0.009224
149.6	4.81E+03	0.008744
150.6	4.84E+03	0.008999
151.6	4.86E+03	0.008752
152.6	4.88E+03	0.008829
153.6	4.90E+03	0.008916
154.6	4.92E+03	0.008715
155.6	4.95E+03	0.008662

156.6	4.97E+03	0.008429
157.6	4.99E+03	0.008227
158.6	5.01E+03	0.008118
159.6	5.04E+03	0.008084
160.6	5.06E+03	0.008193
161.6	5.08E+03	0.007981
162.6	5.11E+03	0.00801
163.6	5.14E+03	0.007975
164.6	5.16E+03	0.007854
165.6	5.18E+03	0.007834
166.6	5.21E+03	0.007591
167.6	5.24E+03	0.007632
168.6	5.26E+03	0.007369
169.6	5.29E+03	0.0073
170.6	5.32E+03	0.007315
171.6	5.34E+03	0.007375
172.6	5.37E+03	0.007292
173.6	5.40E+03	0.007111
174.6	5.43E+03	0.007042
175.6	5.45E+03	0.00738
176.6	5.50E+03	0.00718
177.6	5.50E+03	0.007221
178.6	5.56E+03	0.006758
179.6	5.61E+03	0.007015
180.6	5.61E+03	0.007009
181.6	5.66E+03	0.007018
182.6	5.66E+03	0.006845
183	5.72E+03	0.006843
184.6	5.77E+03	0.006395
185.6	5.77E+03	0.006468
186.6	5.83E+03	0.006559
187.6	5.83E+03	0.006365
188.6	5.88E+03	0.006245
189.6	5.94E+03	0.005956
190.6	5.99E+03	0.006261
191.6	5.99E+03	0.006188
192.6	6.05E+03	0.006003

193.6	6.10E+03	0.005985
194.6	6.10E+03	0.006297
195.6	6.15E+03	0.00596
196.6	6.21E+03	0.006017
197.5	6.26E+03	0.006079
198.6	6.32E+03	0.005989
199.6	6.32E+03	0.005943
200.6	6.37E+03	0.005889
201.6	6.43E+03	0.005815
202.6	6.48E+03	0.005753
203.6	6.54E+03	0.005709
204.6	6.59E+03	0.005732
205.6	6.64E+03	0.005483
206.6	6.70E+03	0.005503
207.6	6.75E+03	0.005583
208.6	6.81E+03	0.005457
209.6	6.86E+03	0.005541
210.6	6.92E+03	0.005576
211.6	6.97E+03	0.00548
212.6	7.03E+03	0.005362
213.6	7.08E+03	0.005519
214.6	7.13E+03	0.005429
215.6	7.19E+03	0.005326
216.6	7.30E+03	0.005438
217.6	7.35E+03	0.005311
218	7.41E+03	0.005297
219.6	7.52E+03	0.005312
220.6	7.57E+03	0.005162
221.6	7.62E+03	0.005377
222.6	7.73E+03	0.005175
223.6	7.79E+03	0.005345
224.6	7.90E+03	0.005389
225.6	8.01E+03	0.005248
226.6	8.06E+03	0.005217
227.6	8.17E+03	0.005282
228.6	8.28E+03	0.005209
229.6	8.33E+03	0.005157

230.6	8.44E+03	0.005185
231.6	8.55E+03	0.005182
232.6	8.66E+03	0.005218
233.6	8.77E+03	0.00544
234.6	8.93E+03	0.005489
235.6	9.04E+03	0.005452
236.6	9.15E+03	0.005523
237.6	9.31E+03	0.005585
238.6	9.42E+03	0.005715
239.6	9.59E+03	0.005736
240.6	9.69E+03	0.005654
241.6	9.86E+03	0.005645
242.6	1.00E+04	0.005682
243.6	1.02E+04	0.005694
244.5	1.04E+04	0.005993
245.6	1.06E+04	0.005953
246.6	1.08E+04	0.005993
247.6	1.10E+04	0.006186
248.6	1.12E+04	0.006551
249.6	1.14E+04	0.006368
250.6	1.17E+04	0.006611
251.6	1.19E+04	0.006849
252.6	1.22E+04	0.006853
253	1.25E+04	0.007296
254.6	1.28E+04	0.007563
255.6	1.32E+04	0.00794
256.6	1.35E+04	0.008111
257.6	1.39E+04	0.008419
258.6	1.44E+04	0.00919
259.6	1.49E+04	0.008833
260.6	1.54E+04	0.009364
261.6	1.60E+04	0.010162
262.6	1.67E+04	0.010566
263.6	1.74E+04	0.011406
264.6	1.82E+04	0.012038
265.6	1.90E+04	0.012386
266.6	1.96E+04	0.012498

267.6	2.01E+04	0.013208
268.6	2.06E+04	0.013761
269.6	2.10E+04	0.01441
270.6	2.14E+04	0.014965
271.6	2.17E+04	0.01576
272.6	2.21E+04	0.01594
273.6	2.24E+04	0.01624
274.6	2.27E+04	0.01664
275.6	2.29E+04	0.01662
276.6	2.31E+04	0.01652
277.6	2.33E+04	0.01543
278.6	2.34E+04	0.01521
279.6	2.35E+04	0.015