



Abvigen Inc

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PMMA Particles NPS- 2.5%

Diameter (um)	Particle Volume (nm3)	Volume (ml)	Wt.Conc. (mg/ml)	Particle Mass(g)	NPS/mg	NPS/ml
0.01	5.24E+02	10	25	6.02E-19	1.66E+15	4.15E+16
0.02	4.19E+03	10	25	4.82E-18	2.08E+14	5.19E+15
0.03	1.41E+04	10	25	1.63E-17	6.15E+13	1.54E+15
0.04	3.35E+04	10	25	3.85E-17	2.59E+13	6.49E+14
0.05	6.54E+04	10	25	7.53E-17	1.33E+13	3.32E+14
0.07	1.80E+05	10	25	2.07E-16	4.84E+12	1.21E+14
0.08	2.68E+05	10	25	3.08E-16	3.24E+12	8.11E+13
0.1	5.24E+05	10	25	6.02E-16	1.66E+12	4.15E+13
0.2	4.19E+06	10	25	4.82E-15	2.08E+11	5.19E+12
0.3	1.41E+07	10	25	1.63E-14	6.15E+10	1.54E+12
0.4	3.35E+07	10	25	3.85E-14	2.59E+10	6.49E+11
0.5	6.54E+07	10	25	7.53E-14	1.33E+10	3.32E+11
0.6	1.13E+08	10	25	1.30E-13	7.69E+09	1.92E+11
0.7	1.80E+08	10	25	2.07E-13	4.84E+09	1.21E+11
0.8	2.68E+08	10	25	3.08E-13	3.24E+09	8.11E+10
0.9	3.82E+08	10	25	4.39E-13	2.28E+09	5.70E+10
1	5.24E+08	10	25	6.02E-13	1.66E+09	4.15E+10
2	4.19E+09	10	25	4.82E-12	2.08E+08	5.19E+09

3	1.41E+10	10	25	1.63E-11	6.15E+07	1.54E+09
4	3.35E+10	10	25	3.85E-11	2.59E+07	6.49E+08
5	6.54E+10	10	25	7.53E-11	1.33E+07	3.32E+08
6	1.13E+11	10	25	1.30E-10	7.69E+06	1.92E+08
7	1.80E+11	10	25	2.07E-10	4.84E+06	1.21E+08
8	2.68E+11	10	25	3.08E-10	3.24E+06	8.11E+07
9	3.82E+11	10	25	4.39E-10	2.28E+06	5.70E+07
10	5.24E+11	10	25	6.02E-10	1.66E+06	4.15E+07
11	6.97E+11	10	25	8.01E-10	1.25E+06	3.12E+07
12	9.05E+11	10	25	1.04E-09	9.61E+05	2.40E+07
13	1.15E+12	10	25	1.32E-09	7.56E+05	1.89E+07
14	1.44E+12	10	25	1.65E-09	6.05E+05	1.51E+07
15	1.77E+12	10	25	2.03E-09	4.92E+05	1.23E+07
17	2.57E+12	10	25	2.96E-09	3.38E+05	8.45E+06
18	3.05E+12	10	25	3.51E-09	2.85E+05	7.12E+06
20	4.19E+12	10	25	4.82E-09	2.08E+05	5.19E+06
22	5.58E+12	10	25	6.41E-09	1.56E+05	3.90E+06
23	6.37E+12	10	25	7.33E-09	1.36E+05	3.41E+06
24	7.24E+12	10	25	8.32E-09	1.20E+05	3.00E+06
25	8.18E+12	10	25	9.41E-09	1.06E+05	2.66E+06
30	1.41E+13	10	25	1.63E-08	6.15E+04	1.54E+06
40	3.35E+13	10	25	3.85E-08	2.59E+04	6.49E+05
50	6.54E+13	10	25	7.53E-08	1.33E+04	3.32E+05
60	1.13E+14	10	25	1.30E-07	7.69E+03	1.92E+05
70	1.80E+14	10	25	2.07E-07	4.84E+03	1.21E+05

80	2.68E+14	10	25	3.08E-07	3.24E+03	8.11E+04
90	3.82E+14	10	25	4.39E-07	2.28E+03	5.70E+04
100	5.24E+14	10	25	6.02E-07	1.66E+03	4.15E+04
200	4.19E+15	10	25	4.82E-06	2.08E+02	5.19E+03
300	1.41E+16	10	25	1.63E-05	6.15E+01	1.54E+03
400	3.35E+16	10	25	3.85E-05	2.59E+01	6.49E+02
500	6.54E+16	10	25	7.53E-05	1.33E+01	3.32E+02
600	1.13E+17	10	25	1.30E-04	7.69E+00	1.92E+02
700	1.80E+17	10	25	2.07E-04	4.84E+00	1.21E+02
800	2.68E+17	10	25	3.08E-04	3.24E+00	8.11E+01
900	3.82E+17	10	25	4.39E-04	2.28E+00	5.70E+01
1000	5.24E+17	10	25	6.02E-04	1.66E+00	4.15E+01
2000	4.19E+18	10	25	4.82E-03	2.08E-01	5.19E+00