

**Abvigen Inc**

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Email: info@abvigenus.com**PE Particles NPS– 10 mg/ml**

Diameter	Conc. mg/ml	Particles/mg	Particles/ml	Diameter	Conc. mg/ml	Particles/mg	Particles/ml
50 nm	10	1.39E+13	1.39E+14	6 um	10	8.04E+06	8.04E+07
100 nm	10	1.74E+12	1.74E+13	7 um	10	5.06E+06	5.06E+07
200 nm	10	2.17E+11	2.17E+12	8 um	10	3.39E+06	3.39E+07
300 nm	10	6.43E+10	6.43E+11	9 um	10	2.38E+06	2.38E+07
400 nm	10	2.71E+10	2.71E+11	10 um	10	1.74E+06	1.74E+07
500 nm	10	1.39E+10	1.39E+11	20 um	10	2.17E+05	2.17E+06
600 nm	10	8.04E+09	8.04E+10	30 um	10	6.43E+04	6.43E+05
700 nm	10	5.06E+09	5.06E+10	40 um	10	2.71E+04	2.71E+05
800 nm	10	3.39E+09	3.39E+10	50 um	10	1.39E+04	1.39E+05
900 nm	10	2.38E+09	2.38E+10	60 um	10	8.04E+03	8.04E+04
1 um	10	1.74E+09	1.74E+10	70 um	10	5.06E+03	5.06E+04
2 um	10	2.17E+08	2.17E+09	80 um	10	3.39E+03	3.39E+04
3 um	10	6.43E+07	6.43E+08	90 um	10	2.38E+03	2.38E+04
4 um	10	2.71E+07	2.71E+08	100 um	10	1.74E+03	1.74E+04
5 um	10	1.39E+07	1.39E+08	200 um	10	2.17E+02	2.17E+03

PE Particles NPS– 25 mg/ml

Diameter	Conc. mg/ml	Particles/mg	Particles/ml	Diameter	Conc. mg/ml	Particles/mg	Particles/ml
50 nm	25	1.39E+13	3.47E+14	6 um	25	8.04E+06	2.01E+08
100 nm	25	1.74E+12	4.34E+13	7 um	25	5.06E+06	1.27E+08
200 nm	25	2.17E+11	5.43E+12	8 um	25	3.39E+06	8.48E+07
300 nm	25	6.43E+10	1.61E+12	9 um	25	2.38E+06	5.95E+07
400 nm	25	2.71E+10	6.78E+11	10 um	25	1.74E+06	4.34E+07
500 nm	25	1.39E+10	3.47E+11	20 um	25	2.17E+05	5.43E+06
600 nm	25	8.04E+09	2.01E+11	30 um	25	6.43E+04	1.61E+06
700 nm	25	5.06E+09	1.27E+11	40 um	25	2.71E+04	6.78E+05

800 nm	25	3.39E+09	8.48E+10	50 um	25	1.39E+04	3.47E+05
900 nm	25	2.38E+09	5.95E+10	60 um	25	8.04E+03	2.01E+05
1 um	25	1.74E+09	4.34E+10	70 um	25	5.06E+03	1.27E+05
2 um	25	2.17E+08	5.43E+09	80 um	25	3.39E+03	8.48E+04
3 um	25	6.43E+07	1.61E+09	90 um	25	2.38E+03	5.95E+04
4 um	25	2.71E+07	6.78E+08	100 um	25	1.74E+03	4.34E+04
5 um	25	1.39E+07	3.47E+08	200 um	25	2.17E+02	5.43E+03