



Blue PET Fluorescent Particles PRODUCT DATA SHEET

Blue PET Fluorescent Particles

For custom sizes, formulations or bulk quantities please contact our customer service department.

website: www.abvigen.com Phone: +1 929-202-3014 Email: info@abvigenus.com

Characteristics

Concentration: 10 mg/ml

Size: 10 ml; 20 ml

Surface: Plain

Shape: Spherical

Composition: Blue Fluorescent PET Particles

Excitation: 360-435 nm

Emission: 450 nm

Buffer: DI Water

Form: Suspension

Store: Storage at 2 - 8 °C

For 10 mg/ml of PET Particles

Diameter	Conc. mg/ml	Particles/mg	Particles/ml	Diameter	Conc. mg/ml	Particles/mg	Particles/ml
50 nm	10	1.13E+13	1.13E+14	6 um	10	6.55E+06	6.55E+07
100 nm	10	1.41E+12	1.41E+13	7 um	10	4.12E+06	4.12E+07
200 nm	10	1.77E+11	1.77E+12	8 um	10	2.76E+06	2.76E+07
300 nm	10	5.24E+10	5.24E+11	9 um	10	1.94E+06	1.94E+07
400 nm	10	2.21E+10	2.21E+11	10 um	10	1.41E+06	1.41E+07
500 nm	10	1.13E+10	1.13E+11	20 um	10	1.77E+05	1.77E+06
600 nm	10	6.55E+09	6.55E+10	30 um	10	5.24E+04	5.24E+05
700 nm	10	4.12E+09	4.12E+10	40 um	10	2.21E+04	2.21E+05
800 nm	10	2.76E+09	2.76E+10	50 um	10	1.13E+04	1.13E+05

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Reserved

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900 nm	10	1.94E+09	1.94E+10	60 um	10	6.55E+03	6.55E+04
1 um	10	1.41E+09	1.41E+10	70 um	10	4.12E+03	4.12E+04
2 um	10	1.77E+08	1.77E+09	80 um	10	2.76E+03	2.76E+04
3 um	10	5.24E+07	5.24E+08	90 um	10	1.94E+03	1.94E+04
4 um	10	2.21E+07	2.21E+08	100 um	10	1.41E+03	1.41E+04
5 um	10	1.13E+07	1.13E+08	200 um	10	1.77E+02	1.77E+03

Storage

This product should be stored at 4°C. **DO NOT FREEZE.**

Ordering Information

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