



## Blue PE Fluorescent Particles PRODUCT DATA SHEET

### Blue PE Fluorescent Particles

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

website: [www.abvigen.com](http://www.abvigen.com) Phone: +1 929-202-3014 Email: [info@abvigenus.com](mailto:info@abvigenus.com)

#### Characteristics

Concentration: 10 mg/ml

Size: 10 ml; 20 ml

Surface: Plain

Shape: Spherical

Composition: Blue Fluorescent PE Particles

Excitation: 360-435 nm

Emission: 450 nm

Buffer: DI Water

Form: Suspension

Store: Storage at 2 - 8 °C

#### For 10 mg/ml of PE Particles

| Diameter | Conc.<br>mg/ml | Particles/mg | Particles/ml | Diameter | Conc.<br>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     |

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Reserved



|        |    |          |          |        |    |          |          |
|--------|----|----------|----------|--------|----|----------|----------|
| 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 |

### Storage

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

### Ordering Information

website: [www.abvigen.com](http://www.abvigen.com)

Phone: +1 929-202-3014

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