



PEI PS Magnetic Particles PRODUCT DATA SHEET

PEI PS Magnetic Particles

Description

PEI PS Magnetic Particles are magnetic particles with PS as the core and outer layer coated with PEI, which endows the material with some unique properties. PEI PS Magnetic Particles have strong thermal stability and can maintain performance even in high temperature environments. The PEI shell provides good chemical stability, allowing PEI PS Magnetic Particles to maintain performance in various chemical environments. Due to its excellent magnetism, PEI PS Magnetic Particles are often used to manufacture components in magnetic sensors and instruments. In the field of biomedicine, it is commonly used for drug delivery, cell separation, and targeted therapy.

Abvigen Inc provide high-quality PEI PS Magnetic Particles with good chemical stability, commonly used in the fields of biomedicine, sensors, and high-performance materials.

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

Composition: PS Magnetic Particles

Concentration: 50 mg/ml

Size: 10 ml

Surface: PEI

Shape: Spherical

Density: 1.10 g/ccm

Store: Storage at 2 - 8 °C

1378 US-206 Ste 6-126, Skillman, NJ USA

info@abvigenus.com

Tel: 1-816-388- 0112 Fax: 1- 888-616-0161

Reserved

Email:

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Storage

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

For 50 mg/ml of PEI PS Magnetic Particles

Diameter	Conc. mg/ml	Particles/m g	Particles/ml	Diameter	Conc. mg/ml	Particles/mg	Particles/ml
2 μ m	50	2.17E+08	1.09E+10	8 μ m	50	3.39E+06	1.70E+08
3 μ m	50	6.43E+07	3.22E+09	10 μ m	50	1.74E+06	8.68E+07
4 μ m	50	2.71E+07	1.36E+09	12 μ m	50	1.00E+06	5.02E+07
6 μ m	50	8.04E+06	4.02E+08				

Ordering Information

website: www.abvigen.com

Phone: +1 929-202-3014

Email: info@abvigenus.com

1378 US-206 Ste 6-126, Skillman, NJ USA

info@abvigenus.com

Tel: 1-816-388-0112 Fax: 1-888-616-0161

Reserved

Email:

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