PTFE Particles, 100 nm
PRODUCT DATA SHEET

PTFE Particles, 100 nm

Description

Polytetrafluoroethylene (PTFE) is a synthetic polymer material, known as the "plastic king", it has a very low coefficient of friction, excellent corrosion resistance, high temperature resistance (can work in the temperature range of -196 ~ 260°C for a long time), high insulation and non-adhesion. Because of these characteristics, PTFE is widely used in various fields, such as industry, pharmaceutical, food, chemical equipment, medical equipment, aerospace, outdoor sports equipment and daily necessities.

PEFT microsphere is a kind of nano-microsphere made of PEFT material, which has high corrosion resistance, good chemical stability and high temperature resistance, and can maintain its structure as well as function in complex environment. It is often used in many fields such as chemical, electronic, electrical, medical and food. In addition, due to its good biocompatibility and stability, PTFE microspheres have a wide range of applications in the biological field, including cell culture, drug delivery, biosensors and bioimaging. In short, PTFE microspheres have a wide range of applications in many fields, and with the continuous development of biotechnology, the application prospects of PTFE microspheres will continue to expand.

Abvigen can provide high quality PTFE Particles. The product has high repeatability between batches, which can meet the needs of different personalized materials such as research and development, testing and production of various customers.

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

Type: PTFE Particles, 100 nm

Surface: N/A

Concentration: 25 mg/ml

Size: 10 ml

Particle size: 100 nm

NPS/mg: 8.68E+11

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Email: info@abvigenus.com
Tel: 1-816-388- 0112 Fax: 1- 888-616-0161

NPS/ml: 2.17E+13

Buffer: Ultrapure water

Storage condition: Store at 2-8°C. Do not freeze

Advantages

High corrosion resistance

Good chemical stability

High temperature resistance

Good biocompatibility

Uniform particle size

Low coefficient of friction

Good dispersibility

Surface modifiable

Applications

Cell culture

Drug delivery

Biosensors

Bioimaging

Coating material

Packaging materials

Note

Store the product in a low temperature environment of 2-8°C, avoid direct sunlight, do not freeze.

Ordering Information

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