PET Fluorescent Microspheres

DESCRIPTION

Poletylene terephthalate (PET) is a thermoplastic resin with excellent optical properties, friction resistance, dimensional stability and electrical insulation.

PET fluorescent microspheres can be prepared by binding the fluorescent molecules to the surface of PET. Fluorescent PET microspheres are commonly used in imaging applications to detect binding events or signal enhancement. Fluorescent PET microspheres are also used in other experienments, such as fluid tracing, fluid mechanics studies, cell tracking, phagocytosis studies, latex agglutination tests, fluorescence microscopy, instrument calibration, and biomedical technology research.

Beijing Biotyscience Co. Ltd can provide monodisperse PET fluorescent microspheres with different color light of red, orange, green and blue. Our company can supply monodisperse PET fluorescent microspheres with uniform particle size and good sphericity, besiedes, customization is accepted if for special needs.

PRODUCT INFORMATION

Type	PET particles
Concentration	1%
Surface	-NH_2/-COOH or other
Diameter	0.1 um-100 um
Buffer	DI water
Size	10 ml
Storage	Stored at 2 - 8°C. Do not freeze. Protect from light.

Advantage

Narrow particle size distribution

High fluorescence intensity

Stable performance

Good dispersion

Application

Fluid tracing

Fluid mechanics studies

Cell tracking

Phagocytosis studies

Latex agglutination tests

Fluorescence microanalysis

Confocal fluorescence microscopy assay

Agglutination reaction

Instrument calibration

Storage

Store product away from direct sunlight at 2-8° C.

Do NOT freeze. Freezing causes irreversible aggregation of the particles.