

DiagPoly™ Plain Fluorescent Polystyrene Particles, Red, 0.7 µm

Cat.No: DFR-T013

DESCRIPTION

Description	DiagPoly™ Plain Fluorescent Polystyrene Particles, Red, 0.7 µm (# DFR-T013) are encapsulated with red fluorophores (excitation: 542 nm, emission: 612 nm) and there is no additional coatings or special functional groups on the surface. Mix product with gentle inversion by hand or vortex mixer. Product comes with stir bar for continual mixing during sampling. The density of liquid suspension is 1.05 g/mL. Refractive Index: 1.59@589 nm (25°C).
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PRODUCT INFORMATION

Diameter	0.70 µm
Functional Group	Plain
Concentration	1% w/v
Absorption Max	542 nm
Emission Max	612 nm
Size Distribution	CV<3%

STORAGE AND SHIPPING

Storage Buffer	Suspension in water with trace amounts of surfactants to inhibit agglomeration and promote stability.
Storage	Refrigerate (2 to 8°C) product when not in use but do not freeze. Store upright and keep bottle tightly sealed. Keep in original bottle and do not expose to light which

can deteriorate the product.

Shelf Life

24 months

TECHNOTES

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To achieve optimum particle suspension, resuspend by vortexing before use.
