

DiagPoly™ Amine Fluorescent Poly(Methyl Methacrylate) PMMA Nanoparticles, Green, 25 nm

Cat.No: DNG-P011

DESCRIPTION

Description	25 nm PMMA nanoparticles are encapsulated with green fluorophores (excitation: 475 nm, emission: 510 nm), functionalized with amine groups (NH ₂) on the surface. These particles are supplied in water. Polydispersity index < 0.2.
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APPLICATION

Application Notes	Suitable for the covalent binding of proteins, antibodies or other molecules.
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PRODUCT INFORMATION

Polydispersity Index	< 0.2
Diameter	25 nm
Functional Group	Amine
Concentration	10 mg/mL
Number of Particles	1.2E+15 particles/mL
Absorption Max	475 nm
Emission Max	510 nm
Surface Group Density	10 µmol/g
Density	1.18 g/cm ³

STORAGE AND SHIPPING

Storage Buffer	Suspension in water.
Stability	Stable in aqueous buffers, methanol, ethanol, DMSO. Not stable in halogenated hydrocarbons, toluene, strong acidic solutions, e.g. 10% HCl .
Storage	4°C in the dark. Do not freeze!