TECHNICAL DATA SHEET

micromod Partikeltechnologie GmbH

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Product code: 30-01-251  
Product name: micromer®-redF  
Surface: NH$_2$  
Size: 25 nm  
Solid content: 10 mg/ml  
Composition: red fluorescent polymethacrylate particles  
Polydispersity index: < 0.2  
Shape: spherical  
Density: 1.03 g/ccm  
Stable in: aqueous buffers, methanol, ethanol, DMSO  
Not stable in: halogenated hydrocarbons, toluene, strong acidic solutions, e.g. 10% HCl  
Product form: Suspension in water  
Particles per ml: 1.2 E15  
Particles per mg: 1.2 E14  
Surface charge density: 10 µmol/g  
Optical properties: red fluorescent  
Colour: pink  
Excitation: 552 nm  
Emission: 580 nm  
Additional remarks: Storage at 2 - 8 °C.