TECHNICAL DATA SHEET

micromod Partikeltechnologie GmbH

Friedrich-Barnewitz-Str. 4
D-18119 Rostock
Germany

Telephone: + 49 381 / 54 34 56 10
Fax: + 49 381 / 54 34 56 20
E-mail address: info@micromod.de

Product code: 08-01-203
Product name: micromer®-M
Surface: NH₂
Size: 2 µm
Solid content: 50 mg/ml
Composition: magnetic polystyrene matrix particles
Standard deviation: < 5 % (C.V.)
Shape: spherical
Density: 1.1 g/ccm
Magnetization: 4.8 Am²/kg particles (H = 80 kA/m)
Saturation magnetization: > 6.5 Am²/kg particles (H > 800 kA/m)
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 E10
Particles per mg: 2.3 E8
Surface charge density: 2 µmol/g
Colour: dark brown
Additional remarks: Storage at room temperature.