



## TECHNICAL DATA SHEET

www.micromod.de  
Telephone: + 49 381 / 7999 7000  
Fax: + 49 381 / 7999 7070  
E-mail address: info@micromod.de

micromod Partikeltechnologie GmbH  
Schillingallee 68  
D-18057 Rostock  
Germany

---

<b>Product code:</b>	08-01-303
<b>Product name:</b>	micromer®-M
<b>Surface:</b>	NH <sub>2</sub>
<b>Size:</b>	3 µm
<b>Solid content:</b>	50 mg/ml
<b>Composition:</b>	magnetic polystyrene matrix particles
<b>Standard deviation:</b>	< 5 % (C.V.)
<b>Shape:</b>	spherical
<b>Density:</b>	1.1 g/ccm
<b>Magnetization:</b>	5.4 Am <sup>2</sup> /kg particles (H = 80 kA/m)
<b>Saturation magnetization:</b>	> 6.6 Am <sup>2</sup> /kg particles (H > 800 kA/m)
<b>Stable in:</b>	aqueous buffers, methanol, ethanol, DMSO
<b>Not stable in:</b>	halogenated hydrocarbons, toluene, strong acidic solutions, e.g. 10% HCl
<b>Product form:</b>	Suspension in water
<b>Particles per ml:</b>	3.2 E9
<b>Particles per mg:</b>	6.4 E7
<b>Colour:</b>	dark brown
<b>Additional remarks:</b>	Storage at room temperature.