

# micromod Partikeltechnologie GmbH

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

fon: +49 381 / 54 34 56 10  
fax: +49 381 / 54 34 56 20  
e-mail: info@micromod.de



## Technical Datasheet

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|                           |   |
|---------------------------|---|
| Product-No.:              | <b>08-01-403</b>  |
| Product-Name:             | <b>micromer® -M</b>   |
| surface:                  | <b>NH2</b>  |
| size:                     | <b>4 µm</b>   |
| solid content:            | <b>50 mg/ml</b>   |
| quantity:                 | <b>10 ml</b>  |
| Standard deviation:       | < 5 % (C.V.)  |
| Shape:                    | spherical   |
| Density:                  | 1.1 g/ccm   |
| Magnetization:            | 3.0 emu/g particles (H =1000 Oe)  |
| Saturation magnetization: | > 3.6 emu/g particles (H > 7.000 Oe)                                      |
| Stable in:                | aqueous buffers, methanol, ethanol, DMSO                                  |
| Not stable in:            | halogenated hydrocarbons, toluene, strong acidic solutions,<br>eg 10% HCl |
| Product form:             | aqueous suspension  |
| Particles per ml:         | 1.4*10E9  |
| Particles per mg:         | 2.7*10E7  |
| Additional remarks:       | Storage at room temperature.  |