

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

Product-No.:	09-55-132
Product-Name:	nanomag® -D
surface:	PEG-NH2
size:	130 nm
solid content:	10 mg/ml
quantity:	10 ml
Polydispersity index:	< 0.2
Shape:	cluster-typed
Density:	3.0 g/ccm
Magnetization:	43 emu/g particles (H =1000 Oe)
Saturation magnetization:	>67 emu/g particles (H > 10.000 Oe)
Stable in:	aqueous buffers pH > 4
Not stable in:	organic solvents, acidic solutions pH < 4
Product form:	aqueous suspension
Particles per ml:	2.9*10E12
Particles per mg:	2.9*10E11
Additional remarks:	Storage at 2 - 8°C for 6 months