

# 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>59-01-603</b>
Product-Name:	<b>sicastar® -M -CT</b>
surface:	<b>NH2</b>
size:	<b>6 µm</b>
solid content:	<b>50 mg/ml</b>
quantity:	<b>10 ml</b>
Composition:	magnetic silica particles
Cluster size:	3 - 10 µm with a mean diameter of 6 µm
Shape:	cluster-typed
Density:	2.5 g/ccm
Magnetization:	6.0 emu/g particles (H =1000 Oe)
Saturation magnetization:	> 9.0 emu/g particles (H > 10.000 Oe)
Stable in:	aqueous buffers pH > 3, organic solvents
Not stable in:	hydrofluoric acid, strong basic media, e.g. 6 M NaOH
Product form:	aqueous suspension
Surface charge density:	1.5 µmol/g
Additional remarks:	Storage at room temperature.