



# micromod Partikeltechnologie GmbH

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## Technical Data Sheet

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Product-No.:	<b>39-00-352</b>
Product-Name:	<b>sicastar® -M</b>
Surface:	<b>plain</b>
Size:	<b>350 nm</b>
Solid content:	<b>25 mg/ml</b>
Quantity:	<b>10 ml</b>
Composition:	magnetic silica particles
Polydispersity Index:	< 0.2
Shape:	spherical
Density:	2.5 g/ccm
Magnetization:	6.0 emu/g particles (H =1000 Oe)
Saturation Magnetization:	> 8.0 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
Additional Remarks:	Storage at room temperature.