



## 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

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<b>Product code:</b>	59-11-603
<b>Product name:</b>	sicastar®-M-CT
<b>Surface:</b>	NTA
<b>Size:</b>	6 µm
<b>Solid content:</b>	50 mg/ml
<b>Composition:</b>	magnetic silica particles
<b>Cluster size:</b>	3 - 30 µm with a mean diameter of 6 µm
<b>Shape:</b>	cluster-typed
<b>Density:</b>	2.5 g/ccm
<b>Magnetization:</b>	6.0 Am <sup>2</sup> /kg particles (H = 80 kA/m)
<b>Saturation magnetization:</b>	> 9.0 Am <sup>2</sup> /kg particles (H > 800 kA/m)
<b>Stable in:</b>	aqueous buffers pH > 3, organic solvents
<b>Not stable in:</b>	hydrofluoric acid, strong basic media, e.g. 6 M NaOH
<b>Product form:</b>	Suspension in water
<b>Colour:</b>	dark brown
<b>Additional remarks:</b>	Storage at room temperature.