



## 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

---

<b>Product code:</b>	43-01-302
<b>Product name:</b>	sicastar®
<b>Surface:</b>	NH <sub>2</sub>
<b>Size:</b>	300 nm
<b>Solid content:</b>	50 mg/ml
<b>Composition:</b>	amorphous silica particles
<b>Polydispersity index:</b>	< 0.200
<b>Shape:</b>	spherical
<b>Density:</b>	2.0 g/ccm
<b>Porosity:</b>	nonporous
<b>Stable in:</b>	aqueous buffers, 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>Particles per ml:</b>	1.8 E12
<b>Particles per mg:</b>	3.5 E10
<b>Colour:</b>	white
<b>Additional remarks:</b>	Storage at room temperature. Do not freeze!