

# 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.:	<b>43-00-701</b>
Product-Name:	<b>sicastar®</b>
surface:	<b>plain</b>
size:	<b>70 nm</b>
solid content:	<b>25 mg/ml</b>
quantity:	<b>10 ml</b>
Composition:	amorphous silica particles
Polydispersity index:	< 0.2
Shape:	spherical
Density:	2.0 g/ccm
Porosity:	nonporous
Stable in:	aqueous buffers, organic solvents
Not stable in:	hydrofluoric acid, strong basic media, e.g. 6 M NaOH
Product form:	aqueous suspension
Particles per ml:	7.0*10E13
Particles per mg:	2.8*10E12
Surface charge density:	55 µmol/g
Additional remarks:	Storage at room temperature. Do not freeze!