

# 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>42-00-102</b>
Product-Name:	<b>sicastar® -greenF</b>
surface:	<b>plain</b>
size:	<b>100 nm</b>
solid content:	<b>50 mg/ml</b>
quantity:	<b>10 ml</b>
Composition:	green fluorescent 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:	4.8*10E13
Particles per mg:	9.5*10E11
Optical properties:	green fluorescent
Colour:	yellow
Excitation:	485 nm
Emission:	510 nm
Additional remarks:	Storage at room temperature. Do not freeze!