



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

Product code:	42-01-204
Product name:	sicastar®-greenF
Surface:	NH ₂
Size:	20 µm
Solid content:	50 mg/ml
Composition:	green fluorescent silica particles
Standard deviation:	< 11.5 µm
Shape:	spherical with irregularities
Density:	1.8 g/ccm
Porosity:	porous
Stable in:	aqueous buffers, organic solvents
Not stable in:	hydrofluoric acid, strong basic media, e.g. 6 M NaOH
Product form:	Suspension in water
Particles per ml:	6.6 E6
Particles per mg:	1.3 E5
Optical properties:	green fluorescent
Colour:	yellow
Excitation:	485 nm
Emission:	510 nm
Additional remarks:	Storage at room temperature.