



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:	40-02-502
Product name:	sicastar®-redF
Surface:	COOH
Size:	500 nm
Solid content:	50 mg/ml
Composition:	red fluorescent silica particles
Polydispersity index:	< 0.200
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:	Suspension in water
Particles per ml:	3.8 E11
Particles per mg:	7.6 E9
Optical properties:	red fluorescent
Colour:	pink
Excitation:	569 nm
Emission:	585 nm
Additional remarks:	Storage at room temperature.