micromod
MODULAR DESIGNED PARTICLES

TECHNICAL DATA SHEET

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Product code:	40-01-153
Product name:	sicastar®-redF
Surface:	NH2
Size:	1.5 µm
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:	1.4 E10
Particles per mg:	2.8 E8
Optical properties:	red fluorescent
Colour:	pink
Excitation:	569 nm
Emission:	585 nm
Additional remarks:	Storage at room temperature.