



TECHNICAL DATA SHEET

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Product code:	43-01-102
Product name:	sicastar®
Surface:	NH ₂
Size:	100 nm
Solid content:	25 mg/ml
Composition:	amorphous 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:	2.4 E13
Particles per mg:	9.5 E11
Colour:	white
Additional remarks:	Storage at room temperature. Do not freeze!