



TECHNICAL DATA SHEET

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Product code:	39-00-352
Product name:	sicastar®-M
Surface:	plain
Size:	350 nm
Solid content:	25 mg/ml
Composition:	magnetic silica particles
Polydispersity index:	< 0.200
Shape:	spherical
Density:	2.5 g/ccm
Magnetization:	6.0 Am ² /kg particles (H = 80 kA/m)
Saturation magnetization:	> 8.0 Am ² /kg particles (H > 800 kA/m)
Stable in:	aqueous buffers pH > 3, organic solvents
Not stable in:	hydrofluoric acid, strong basic media, e.g. 6 M NaOH
Product form:	Suspension in water
Colour:	dark brown
Additional remarks:	Storage at room temperature.