TECHNICAL DATA SHEET

micromod Partikeltechnologie GmbH

Friedrich-Barnewitz-Str. 4
D-18119 Rostock
Germany

Telephone: + 49 381 / 54 34 56 10
Fax: + 49 381 / 54 34 56 20
E-mail address: info@micromod.de

Product name: sicastar®-M
Surface: NHS
Size: 1.5 µm
Solid content: -
Composition: magnetic silica particles
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: Powder
Colour: dark brown
Additional remarks: Storage at 2 - 8 °C.