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 code: 59-01-603
Product name: sicastar®-M-CT
Surface: NH₂
Size: 6 µm
Solid content: 50 mg/ml
Composition: magnetic silica particles
Cluster size: 3 - 30 µm with a mean diameter of 6 µm
Shape: cluster-typed
Density: 2.5 g/ccm
Magnetization: 6.0 Am²/kg particles (H = 80 kA/m)
Saturation magnetization: > 9.0 Am²/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
Surface charge density: 1.5 µmol/g
Colour: dark brown
Additional remarks: Storage at room temperature.