TECHNICAL DATA SHEET

micromod Partikeltechnologie GmbH

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Product code: 59-11-603
Product name: sicastar®-M-CT
Surface: NTA
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
Colour: dark brown
Additional remarks: Storage at room temperature.