TECHNICAL DATA SHEET

micromod Partikeltechnologie GmbH

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Product code: 59-51-603  
Product name: sicastar®-M-CT  
Surface: C18  
Size: 6 µm  
Solid content: -  
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 Am^2/kg particles (H = 80 kA/m)  
Saturation magnetization: > 9.0 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 room temperature.