TECHNICAL DATA SHEET

micromod Partikeltechnologie GmbH

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Product code: 43-06-701
Product name: sicastar®
Surface: acrylate
Size: 70 nm
Solid content: 25 mg/ml
Composition: amorphous silica particles
Polydispersity index: < 0.2
Shape: spherical
Density: 2.0 g/ccm
Porosity: nonporous
Stable in: water and organic solvents
Not stable in: hydrofluoric acid, strong basic media, e.g. 6 M NaOH and buffers with pH < 7.5
Product form: Suspension in ethanol (96% v/v)
Particles per ml: 7.0 E13
Particles per mg: 2.8 E12
Colour: white
Additional remarks: Storage at room temperature. Do not freeze!
TECHNOTES: The acrylate surface contains terminal C=C bonds.