TECHNICAL DATA SHEET

micromod Partikeltechnologie GmbH

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

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Product code: 43-00-154
Product name: sicastar®
Surface: plain
Size: 15 µm
Solid content: 50 mg/ml
Composition: amorphous silica particles
Standard deviation: < 5.3 µm
Shape: spherical with irregularities
Density: 1.8 g/ccm
Porosity: porous
Stable in: aqueous buffers, organic solvents
Not stable in: hydrofluoric acid, strong basic media, e.g. 6 M NaOH
Product form: Suspension in water
Particles per ml: 1.6 E7
Particles per mg: 3.1 E5
Surface charge density: 1 µmol/g
Colour: white
Additional remarks: Storage at room temperature.
TECHNOTES: BET: 714 m²/g