Product code: 43-06-301
Product name: sicastar®
Surface: acrylate
Size: 30 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: 8.9 E14
Particles per mg: 3.5 E13
Colour: white
Additional remarks: Storage at room temperature. Do not freeze!
TECHNOTES: The acrylate surface contains terminal C=C bonds.