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Technical Datasheet

| | |
|-------------------------|--|
| Product-No.: | 43-01-501 |
| Product-Name: | sicastar ® |
| surface: | NH2 |
| size: | 50 nm |
| solid content: | 25 mg/ml |
| quantity: | 10 ml |
| Composition: | amorphous silica particles |
| Polydispersity index: | < 0.2 |
| Shape: | spherical |
| Density: | 2.0 g/ccm |
| Porosity: | nonporous |
| Stable in: | aqueous buffers, organic solvents |
| Not stable in: | hydrofluoric acid, strong basic media, e.g. 6 M NaOH |
| Product form: | aqueous suspension |
| Particles per ml: | 1.9*10E14 |
| Particles per mg: | 7.6*10E12 |
| Surface charge density: | 1 µmol/g |
| Additional remarks: | Storage at room temperature. Do not freeze! |