

# micromod Partikeltechnologie GmbH

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## Technical Datasheet

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|                     |  |
|---------------------|--|
| Product-No.:        | <b>43-48-303</b>                                     |
| Product-Name:       | <b>sicastar®</b>                                     |
| surface:            | <b>Ni-NTA</b>  |
| size:               | <b>3 µm</b>  |
| solid content:      | <b>50 mg/ml</b>                                      |
| quantity:           | <b>10 ml</b>   |
| Composition:        | amorphous silica particles                           |
| Standard deviation: | < 0.85 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:       | aqueous suspension                                   |
| Particles per ml:   | 2.0*10E9   |
| Particles per mg:   | 3.9*10E7   |
| Additional remarks: | Storage at room temperature.                         |