

# micromod Partikeltechnologie GmbH

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## Technical Datasheet

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|                       |  |
|-----------------------|--|
| Product-No.:          | <b>40-00-302</b>                                     |
| Product-Name:         | <b>sicastar® -redF</b>                               |
| surface:              | <b>plain</b>   |
| size:                 | <b>300 nm</b>  |
| solid content:        | <b>50 mg/ml</b>                                      |
| quantity:             | <b>10 ml</b>   |
| 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:     | 1.8*10E12  |
| Particles per mg:     | 3.5*10E10  |
| Optical properties:   | red fluorescent                                      |
| Colour:               | pink   |
| Excitation:           | 569 nm   |
| Emission:             | 585 nm   |
| Additional remarks:   | Storage at room temperature.                         |