

# micromod Partikeltechnologie GmbH

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## Technical Datasheet

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|                       |  |
|-----------------------|--|
| Product-No.:          | <b>43-15-153</b>   |
| Product-Name:         | <b>sicastar®</b>   |
| surface:              | <b>NHS</b>   |
| size:                 | <b>1.5 µm</b>  |
| quantity:             | <b>0.5 g</b>   |
| 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:         | dry powder   |
| Particles per mg:     | 2.8*10E8   |
| Additional remarks:   | Ultrasound treatment is recommended for resuspension.<br>Storage at 2 - 8°C. |