



## Product Information ORISIL<sup>®</sup> SF125

Orisil<sup>®</sup> SF125 is a modified fumed silica treated with polydimethylsiloxanes (PDMS). By reaction with liquid PDMS on the surface of the silica, an increase of the hydrophobic character is achieved.

- ✓ By using Orisil<sup>®</sup> SF125, the rheology of complex polar fluids, e.g. based on epoxy, polyurethane systems, is efficiently controlled. In addition, if desired, the structural properties of the application (for example: structure of PUR based end products) can be influenced by Orisil<sup>®</sup> SF125.
- ✓ Orisil<sup>®</sup> SF125 improves the water resistance of moisture sensitive formulations.
- ✓ Orisil<sup>®</sup> SF125 is used as an anti-settling aid for fillers and as an additive in the formulation of corrosion protection systems.

| Properties                       | Specification value         | Test conditions  |
|----------------------------------|-----------------------------|------------------|
| Surface area (BET method)        | 100 - 130 m <sup>2</sup> /g | acc. to ISO9277  |
| Bulk density (undensed / densed) | 50 g/l - 60 g/l             | acc. to ISO7     |
| pH-value (in a 4%-suspension)    | 4,0 – 7,0                   | acc. to ISO787/9 |
| Loss on drying (2 h at 105°C)    | max. 1,0 %                  | acc. to ISO787/2 |
| Carbon content                   | 4.8 - 5.8 %                 | acc. to ISO3262  |

**Packages:** 10 kg / bag, 180 kg / big bag, silo

**Storage life:** The product is stable for at least 1 year from date of production. The date of production of each batch is mentioned on the packaging and on the certificate of analysis.