



Product Information ORISIL[®] SF125

Orisil[®] 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[®] 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[®] SF125.
- ✓ Orisil[®] SF125 improves the water resistance of moisture sensitive formulations.
- ✓ Orisil[®] 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 ² /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.