

Hydrophilic fumed silica  
**ORISIL 300**

**Main physico-chemical characteristics**

INDICATORS	NOMINAL VALUE WITH POSSIBLE DEVIATIONS
Specific surface area, m <sup>2</sup> /g	300 ± 30
pH value in 4% dispersion	3,6–4,3
Loss on ignition, %, max	1,5*
Bulk density, g/l	
undensed, max	50
densed, min	110
SiO <sub>2</sub> content, based on ignited material, %, min	99,9

**Applications**

Paints and coatings, unsaturated polyester resins, silicone rubber, sealants, adhesives, printing inks, cable compounds, cosmetics, pharmaceutical and food industry.

**Functions**

Rheology and thixotropy control of liquid systems, binders, polymers, etc. It is used as anti-settling, thickening, and anti-sagging agent. Reinforcement of silicone rubbers. It ensures excellent transparency in unsaturated polyester resins and silicone rubbers.

**Packaging**

Orisil fumed silica is packaged in paper multi-ply valve bags. The paper inner layers have perforations and additional lamination. The net weight of material in paper bags is 10 kg..

"Big-Bag" are available with net weight of **180 kg** for undensed material.

**Storage**

Orisil fumed silica bags are stored in closed, temperature-controlled warehouse. Storage conditions do not allow mixing of different grades, contamination of foreign substances and prevent moisture exposure.

The guaranteed shelf life of Orisil silica is 24 months from the manufacture date.

Notes: \* – At time of loading.