

# REOLOSIL

## QS-45

### Hydrophilic Fumed Silica

*REOLOSILQS-45 is a very fine amorphous silicon dioxide made by combustion of high purity chlorosilanes with oxygen and hydrogen.*

*Its unique properties offer advantages in many applications; silicone rubber, sealant, organic elastomer, UPR, adhesive, paint, ink and free flow powder.*

*It is used as reinforcing, thickening, anti-settling, thixotropic and free flow agent.*

#### Typical Properties

Specific Surface Area (BET)	440-480 m <sup>2</sup> /g
Bulk Density	50 g/L (approximately)
pH (4% suspension)	4.2
SiO <sub>2</sub> purity (Dry basis)	> 99.9 %
Cl	< 50 ppm
Al	< 20 ppm
Fe	< 20 ppm
44µm Residue	< 0.01 %
Moisture Content (Dry up, %) <sup>*1</sup>	< 2.0 %

The data represents typical values (no product specification).

\*1 When leaving plant

#### Characteristic Properties

*Large specific surface area and small particles  
(mean primary particle size: ca.6 nm) .*

#### Typical Packaging Forms

*Packaged in 10 kg / paper bag.*

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