

REOLOSIL

QS-40

Hydrophilic Fumed Silica

REOLOSILQS-40 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)	350-410 m ² /g
Bulk Density	50 g/L (approximately)
pH (4% suspension)	4.2
SiO ₂ purity (Dry basis)	> 99.9 %
Cl	< 50 ppm
Al	< 20 ppm
Fe	< 20 ppm
44µm Residue	< 0.01 %
Moisture Content (Dry up, %) ^{*1}	< 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.7 nm) .*

Typical Packaging Forms

Packaged in 10 kg / paper bag.

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