

REOLOSIL

QS-09

Hydrophilic Fumed Silica

REOLOSIL QS-09 is a very fine amorphous silicon dioxide made by combustion of high purity chlorosilanes with oxygen and hydrogen.

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

Typical Properties

| | |
|---|-------------------------------|
| Specific Surface Area (BET) | 70-110 m²/g |
| Bulk Density | 50 g/L (approximately) |
| pH (4% suspension) | 4.2 |
| SiO₂ purity (Dry basis) | > 99.9 % |
| Cl | < 50 ppm |
| Al | < 20 ppm |
| Fe | < 20 ppm |
| 44µm Residue | < 0.01 % |
| Moisture Content (Dry up, %) ^{*1} | < 1.0 % |

The data represents typical values (no product specification).

*1 When leaving plant

Characteristic Properties

Small specific surface area (mean primary particle size: ca.22nm) .

Typical Packaging Forms

Packaged in 10 kg / paper bag.

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