

# Soltex Hydrophilic Fumed Silica

## FS1150, FS1200, FS1380

### Description

Soltex hydrophilic fumed silicas are untreated high purity fumed silica with specific surface areas ranging from low to high that provide a different degree of increasing viscosity and reinforcement in liquid and polymer systems. Their excellent properties such as high purity, aggregated structure, low bulk density, and hydrophilic surface chemistry provide advantages in many applications:

- Reinforcement filler in elastomers.
- Rheology and thixotropy control of liquid systems, binders, polymers, etc.
- Anti-settling, thickening, and anti-sagging agents.
- Improvement of free flow and anti-caking characteristics of powders.

### Properties

SPECIFICATIONS	FS1150	FS1200	FS1380
Specific surface area (BET), m <sup>2</sup> /g	150±25	200±25	380±25
Loss on drying (2hrs @ 105°C), wt%	≤ 1.5	≤ 1.5	≤ 1.5
pH (4% aqueous slurry)	3.6 - 4.5	3.6 - 4.5	3.6 - 4.5
TYPICAL PROPERTIES			
Carbon content, wt%	< 0.2	< 0.2	< 0.2
Loss on ignition, wt%	≤ 2.5	≤ 2.5	≤ 2.5
Silica content, wt%	≥ 99.8	≥ 99.8	≥ 99.8
Tamped density, g/L	40 - 60	40 - 60	40 - 60

### Packaging

Available in paperbags.

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