

Soltex Hydrophobic Fumed Silica

FS2100P, FS2190P

Description

Soltex FS2100P and FS2190P are hydrophobic fumed silicas treated with polydimethylsiloxane with specific surface areas ranging from low to medium that are used for rheology control in a wide variety of adhesives, composite, and coatings applications. Their excellent properties such as high purity, aggregated structure, low bulk density, and hydrophilic surface chemistry provide advantages in many applications:

- Improved thickening and thixotropy of complex polar liquid systems (e.g. epoxy, polyurethane or vinyl ester resins).
- Anti-settling agents for heavy fillers.
- Improved thickening and thixotropy of cable gels for fiber optic cables.

Properties

SPECIFICATIONS	FS2100P	FS2190P
Specific surface area (BET), m ² /g	100±20	190±20
Loss on drying (2hrs @ 105°C), wt%	≤ 0.5	≤ 0.5
pH (4% aqueous slurry)	4.0 - 7.0	4.0 - 7.0
Carbon content, wt%	3.5 - 5.5	3.5 - 5.5
TYPICAL PROPERTIES		
Loss on ignition, wt%	4.0 - 6.0	4.0 - 6.0
Silica content, wt%	≥ 99.8	≥ 99.8
Tamped density, g/L	40 - 60	40 - 60

Packaging

Available in paperbags.

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