

GS-919

Product information

GS-919 is a hydrophobic fumed silica treated with PDMS (polydimethylsiloxane) after hydrophilic fumed silica treatment. Its specific surface area is about 110m²/g.

Product performance

- ◆ Control rheology and thixotropy
- ◆ Reinforcement of silicone elastomers
- ◆ Improve free flow
- ◆ Anti-sagging and anti-settlement
- ◆ Thickener

Physical data

Physical and chemical properties	unit	value
Specific surface area	m ² /g	110±20
pH (4% suspension)	-	4.0-7.0
Drying reduction (105°C, 2h)	wt.%	≤0.7
Reduction of burning (1000°C, 2h)	wt.%	≤12.0
SiO ₂ content	wt.%	≥99.8
Bulk density	g/l	50

Applications

- ◆ Silicone rubber
- ◆ Adhesive and sealant
- ◆ Electronic sealing adhesive
- ◆ Industrial coatings
- ◆ Unsaturated polyester resin
- ◆ Powder coating

Packaging

- ◆ pallet with paper bag:
10 kg /bag

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