

GS-18

Product information

GS-18 is a hydrophobic fumed silica obtained by treating hydrophilic fumed silica with PDMS (polydimethylsiloxane). Its specific surface area is approximately 110 m²/g.

Product performance

- ◆ Control rheology and thixotropy
- ◆ Reinforcement of silicone elastomer
- ◆ Improve free movement
- ◆ Anti-flow and anti-subsidence
- ◆ 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
- ◆ Adhesives and sealants
- ◆ Electronic potting compound
- ◆ Industrial coatings
- ◆ Unsaturated polyester resin
- ◆ Powder coating

Packaging

- ◆ pallet with paper bag: 10 kg/ bag

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