

GS-400

Product information

GS-400 is an artificially synthesized hydrophilic, amorphous gas-phase silica. Its specific surface area is about 380m²/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	380±20
pH (4% suspension)	-	3.7-4.7
Drying reduction (105°C, 2h)	wt.%	≤1.0
Reduction of burning (1000°C, 2h)	wt.%	≤1.0
SiO ₂ content	wt.%	≥99.8
Bulk density	g/l	50

Applications

- ◆ Unsaturated polyester resin
- ◆ Adhesive and sealant
- ◆ Printing ink
- ◆ Paint and coatings
- ◆ Food and cosmetics
- ◆ High temperature silicone rubber, liquid silicone rubber

Packaging

- ◆ pallet with paper bag:
10 kg /bag

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