

# GS-20

## Product information

GS-20 is a hydrophobic fumed silica treated with DDS (dimethyl dichlorosilane) after hydrophilic fumed silica treatment. Its specific surface area is around 170m<sup>2</sup>/g.

## Product Property

- ◆ Control rheology and thixotropy
- ◆ Reinforcement of silicone elastomers
- ◆ Improve free flow
- ◆ Anti-flow and anti-subsidence
- ◆ thickener

## physical data

Physical and chemical properties	unit	numeric value
specific area	m <sup>2</sup> /g	170±20
PH Value (4% suspension)	-	3.7-4.5
Dry weight loss (105°C, 2h)	wt.%	≤0.7
Reduction of burning (1000° C, 2h)	wt.%	≤2.5
SiO <sub>2</sub> content	wt.%	≥99.8
stacking density	g/l	50

## Applications

- ◆ Room temperature vulcanized silicone rubber(RTV)
- ◆ Adhesives and sealants
- ◆ Electronic potting compound
- ◆ Industrial coatings
- ◆ cosmetics
- ◆ Powder coating

## Packaging

- ◆ pallet with paper bag:  
10 kg /bag

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