

SiSiB® FS9160

Hydrophobic Fumed Silica

CHEMICAL NAME

SiSiB® FS9160 is a structure modified hydrophobic silica, treated with HMDS (Hexamethyldisilazane).

FEATURES

- Low thickening effect and excellent processability enable high loading in polymers.
- Excellent reinforcing properties in silicone rubber especially at high filler loading levels (RTV-1, RTV-2, LSR).
- Well suited for transparent systems.
- Free-flow aid for powders.

TYPICAL PHYSICAL PROPERTIES

CAS No.	68909-20-6
Specific surface area (BET)	140 - 180 m ² /g
pH-Value in 4 % aqueous dispersion	7.0 - 8.5
Loss on drying (2h at 105 °C) wt.%	Max.0.5
Loss on ignition (2h at 1000°C) wt.%	Max.4.0
Silica content (based on ignited material) wt.%	Min.99.8
Carbon content (2h at 105 °C) wt.%	1.5-3.5

APPLICATIONS

- Silicone rubber.
- Adhesives and Sealants.
- Anti-foamer.
- Toner.
- Coatings.

PACKING AND STORAGE

SiSiB® FS9160 is supplied in multiple layer 10 kg bags.

20'ft GP container can load 1800kg with 10 pallets; 40'ft HQ container can load 4000kg

SiSiB[®] FS9160

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with 20 pallets.

In the original unopened packaging, SiSiB[®] FS9160 has a shelf life of 24 months under dry conditions.

NOTES

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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Please send all technical questions concerning quality and product safety to: support@SiSiB.com.