

SiSiB[®] FS9170

Hydrophobic Fumed Silica

INTRODUCTION

SiSiB[®] FS9170 is a hydrophobic fumed silica after treated with HMDS (Hexamethyldisilazane) based on a hydrophilic fumed silica with a specific surface area of 200m²/g. It's a kind of high purity white colloidal powder.

FEATURES

- Reinforcement of HTV silicone rubber, anti-caking.
- High hydrophobicity and stable thixotropy, using in coating and ink can prevent from anti-caking, anti-sagging, anti-thixotropy.
- High hydrophobicity and rheology in Adhesives and Sealants.
- Improve the free flow of powder coatings and anti-caking.

TYPICAL PHYSICAL PROPERTIES

CAS No.	68909-20-6
Specific surface area (BET)	170±20 m ² /g
pH-Value in 4 % aqueous dispersion	5.5 - 8.0
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
Tamped density (2h at 105°C) g/L	40 - 60
Carbon content (2h at 105°C) wt.%	1.5-3.5

APPLICATIONS

- HTV and silicone rubber.
- Coatings and printing ink.
- Adhesives and Sealants.
- Powder coatings.

PACKING AND STORAGE

SiSiB[®] FS9170 is supplied in multiple layer 10 kg bags.

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

In the original unopened packaging, SiSiB[®] FS9170 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.