

SiSiB® FS9150

Hydrophobic Fumed Silica

INTRODUCTION

SiSiB® FS9150 is a hydrophobic fumed silica after treated with HMDS (Hexamethyldisilazane) based on a hydrophilic fumed silica with a specific surface area of 150m²/g. It's a kind of high purity white colloidal powder.

FEATURES

Thixotropy and reinforcement in RTV silicone sealants, the hydrophobic features gives RTV silicone sealants a long shelf-life.

Rheological control of RTV silicone rubber.

Improvement of anti-setting, anti-sagging and thixotropy control.

Improvement of the free flow of powder coatings and anti-caking.

TYPICAL PHYSICAL PROPERTIES

CAS No.	68909-20-6
Specific surface area (BET)	115 ± 15 m ² /g
pH-Value in 4 % aqueous dispersion	5.5 - 7.5
Loss on drying (2h at 105 °C) wt.%	Max.0.7
Loss on ignition (2h at 1000°C) wt.%	Max.2.0
Silica content (based on ignited material) wt.%	≥99.8
Tamped density (2h at 105 °C) g/L	40 - 60
Carbon content (2h at 105 °C) wt.%	1.0-2.0

APPLICATIONS

RTV silicone sealants, especially electronic potting and Liquid glue.

Adhesives and Sealants.

Coatings, Printing ink.

Powder Coatings.

SiSiB[®] FS9150

Hydrophobic Fumed Silica

PACKING AND STORAGE

SiSiB[®] FS9150 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 with 20 pallets.

In the original unopened packaging, SiSiB[®] FS9150 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.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability. We disclaim liability for any incidental or consequential damages.

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