

SiSiB[®] FS2111

Hydrophobic Fumed Silica

INTRODUCTION

SiSiB[®] FS2111 is hydrophobic fumed silica treated with polydimethylsiloxane.

FEATURES

- Good thickening and thixotropy.
- Good anti-sagging properties and excellent stability in epoxy resin.
- Excellent reinforcing properties in silicone rubber especially at high filler loading levels and no crepe hardening on aging.
- Well suited for transparent systems.
- High water repellent and free-flow property in powders.

TYPICAL PHYSICAL PROPERTIES

CAS No.	67762-90-7
Specific surface area (BET)	80-140 m ² /g
pH-Value in 4 % aqueous dispersion	4.0-7.0
Loss on drying (2h at 105°C) wt.%	Max.0.7
Loss on ignition (2h at 1000°C) wt.%	Max.12
Silica content (based on ignited material) wt.%	Min.99.8
Carbon content (2h at 105°C) wt.%	4.5-7.5

APPLICATIONS

- Thickening and thixotropy control of adhesives and sealants.
- Thickening and thixotropy control of epoxy and vinyl ester resins and gel coats.
- Thickening and thixotropy control of cable gels, lubricants.
- Anti-sedimentation aid for fillers.
- Improves flow ability of powders.

PACKING AND STORAGE

SiSiB[®] FS2111 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

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with 20 pallets.

In the original unopened packaging, SiSiB[®] FS2111 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.