

SiSiB[®] MB4150

Silicone Masterbatch

INTRODUCTION

SiSiB[®] MB4150 is a pelletized formulation with 50% ultra-high molecular weight active ingredient dispersed in HDPE. It overcomes the shortcomings of traditional silicone oil easy to slip. A small amount of addition can improve the fluidity and processing properties of the resin. It is now widely used to improve the lubricity and surface properties of plastics.

BENEFITS

- Improve processing performance
- Reduce extruder torque, reduce equipment wear, better mold filling, reduce product defect rate.
- Significantly reduce the coefficient of friction
- Improve the surface finish, gloss, enhance the surface silk texture, scratch and wear resistance.
- Enhance fuel resistance, reduce smoke density, and improve impact strength.
- Good stability, no migration, no surface precipitation.

TYPICAL PHYSICAL PROPERTIES

Color and Appearance:	White Pellet
Active ingredient content (%):	50
Resin Base:	HDPE
Dosage (%):	0.5 - 5
MI	>8 g/10min

APPLICATIONS

SiSiB[®] MB4150 can be used in silicone core pipe / optic fiber duct / PLB HDPE pipe.

SiSiB[®] MB4150 can be used in large diameter pipe.

SiSiB[®] MB4150 can be used in packaging boxes, bottles to improve the surface smoothness.

SiSiB[®] MB4150 can be used in PE plastic sheets.

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Recommend dosage:

The recommended dosage is between 1.5 and 5.0%. It can be used in classic melt blending process such as twin-screw extruder, injection molding. Physical blends of pure polymers are recommended.

PACKING AND STORAGE

SiSiB[®] MB4150 is supplied in 25Kg craft paper bag.

In the unopened original container SiSiB[®] MB4150 has 24 month life of one year in a dry and cool place.

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.