

# SiSiB<sup>®</sup> MB7030

## *Silicone Masterbatch*

### INTRODUCTION

SiSiB<sup>®</sup> MB7030 is an ultra-high molecular weight siloxane polymer dispersed in Polyamide 6 (PA 6) resin. It is designed to be used as additive in resin compatible systems to improve processing and modify surface characteristics.

### BENEFITS

- ☐ Improved scratch resistance.
- ☐ Improved lubricity.
- ☐ Improved slip properties
- ☐ Reduced coefficient of friction.
- ☐ Improved mold-filling and mold release
- ☐ Increased throughput.
- ☐ Reduced energy usage in processing.

### TYPICAL PHYSICAL PROPERTIES

Appearance	White pellet
Silicone Content (%):	30
Resin Base:	PA 6
Dosage (%):	0.5~5

### APPLICATIONS

SiSiB<sup>®</sup> MB7030 is widely used as an efficient additive for PA6/66 or other compatible resin system to improve processing properties and surface quality.

SiSiB<sup>®</sup> MB7030 can be used to improve the properties like liquidity, demolding, dispersion.

SiSiB<sup>®</sup> MB7030 can also be used to improve anti-friction properties, scratch and abrasion resistance as the coefficient of friction is lowered and surface become smoother.

SiSiB<sup>®</sup> MB7030 can also be used to improve flow ability, mold release, floating fiber such as PA6/PA66 engineering plastics and other PA6/66 series materials.

Use methods:

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Mixed with its compatible resin at a certain proportion then molding or pelleting directly after drying SiSiB<sup>®</sup> MB7030 at 80-120°C for about 4 to 5 hours.

Recommend dosage:

Addition level at 0.5% to 2% can improve the product's processing, liquidity and mold release. At a high level: 1% to 5% can improve the surface properties (smoothness, scratch resistance and abrasion resistance).

### PACKING AND STORAGE

SiSiB<sup>®</sup> MB7030 is supplied in 25kg, craft paper bag and it can be customized according to the special needs.

In the original unopened packaging, SiSiB<sup>®</sup> MB7030 has a shelf life of 24 months at dry condition, room temperature.

### 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](mailto:support@SiSiB.com).