

SiSiB[®] MB10051

Silicone Masterbatch

INTRODUCTION

SiSiB[®] MB10051 contains 50% ultra-high molecular weight siloxane polymer dispersed in HIPS resin.

BENEFITS

- Improved abrasion resistance with decreased abrasion value
- Impart the processing performance and final items appearance
- Eco-friendly
- No influence on hardness and color
- Effective for DIN, ASTM, NBS , AKRON, SATRA, GB abrasion tests

TYPICAL PHYSICAL PROPERTIES

| | |
|-----------------------|--------------|
| Color and Appearance: | White Pellet |
| Silicone Content [%]: | 50 |
| Resin Base: | HIPS |
| Dosage (%): | 0.5-5 |

APPLICATIONS

SiSiB[®] MB10051 is widely used as an efficient additive for PS compatible resin system to improve the processing properties and surface quality, such as better resin flow ability , mold filling & release, less extruder torque , lower coefficient of friction , greater mar and abrasion resistance.

We suggest the addition level of SiSiB[®] MB10051 is between 0.5 ~5 .0 %. It can be used in classical melt blending process like Single / Twin screw extruders, injection molding. A physical blend with virgin polymer pellets is recommended.

PACKING AND STORAGE

SiSiB[®] MB10051 is supplied in 25Kg craft paper bag.

In the unopened original container SiSiB[®] MB10051 has a shelf life of two years in a dry and cool place.

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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.