



CHEMICAL NAME

Silicone masterbatch MB11050

INTRODUCTION

Silicone masterbatch MB11050 is a pelletized formulation by dispersing 30% ultra-high molecular weight siloxane polymer in POM. It overcomes the weakness of traditional silicone oil easily to screw slip. A small dosage can improve the flow of the resin and processing properties. Now it is widely used to improve the lubricity and surface properties of plastics.

TYPICAL PHYSICAL PROPERTIES

| | |
|-----------------------|--------------|
| Color and Appearance: | White Pellet |
| Silicone Content [%]: | 30 |
| Resin Base: | POM |
| Dosage [%]: | 0.5-5 |

APPLICATIONS

SiSiB® MB11050 is widely used in POM, and other Engineering plastics.

SiSiB® MB11050 improves the flow of resin and processing, less extruder torque, reduced equipment wear, better mold filling, mold release.

SiSiB® MB11050 obviously improves POM self-lubricating property.

SiSiB® MB11050 improves POM abrasion resistance (under the condition of oil free, the abrasion resistance effect is much better than the traditional PTFE teflon and molybdenum disulfide)

SiSiB® MB11050 has good stability, non-migratory and surface without precipitation.

SiSiB® MB11050 mixed with its compatible system resin at a certain proportion then molding or pelleting directly

Addition level at 0.5%to 2%, it can improve the product's processing, liquidity and mold



SiSiB® MB11050 Masterbatch

- 2 -

release.

At a high level: 1% to 5%, it can improve the surface properties (smoothness, scratch resistance and abrasion resistance).

PACKING AND STORAGE

SiSiB® MB11050 is supplied in 25Kg craft paper bag.

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: silanes@SiSiB.com.

Power Chemical
ISO9001 ISO14001 certificated

Copyright© 2009 Power Chemical Corporation Ltd.
SiSiB® is a registered trademark of PCC. For more knowledge regarding organosilanes, you may visit www.SiSiB.com or www.PCC.asia