

SiSiB[®] SiM4008

Silicone Masterbatch

INTRODUCTION

SiSiB[®] SiM4008 is long chain with polar functional groups modified copolysiloxane masterbatch.

SiSiB[®] SiM4008 is mainly used in PE, PP system films, which can significantly improve anti-blocking & smoothness of the film, and the lubrication during processing, can greatly reduce the film surface dynamic and static friction coefficient, make the film surface smoother.

SiSiB[®] SiM4008 has a special structure with good compatibility with the matrix resin, no precipitation, no effect on the transparency of film and food contactable.

BENEFITS

- Improve surface quality including no precipitation, not sticky, no effect on transparency, no effect on the surface and printing of film, lower coefficient of friction, better surface smoothness;
- Improve processing properties including better flow ability, faster throughput;
- Provide better anti-blocking and permanent slip properties.

TYPICAL PHYSICAL PROPERTIES

Color and Appearance:	White or light-yellow pellet
Anti-blocking Agent:	Silica
Resin Base:	PP
Dosage (%):	1-10

APPLICATIONS

SiSiB[®] SiM4008 has good anti-blocking, permanent slip properties and lower coefficient of friction.

SiSiB[®] SiM4008 can be used in PE, PP film with better processing properties.

SiSiB[®] SiM4008 can be used in classical melt blending process like Single /Twin screw extruders, injection molding and side feed. A physical blend with virgin polymer pellets is recommended.

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The recommend dosage is 1 to 10%.

PACKING AND STORAGE

SiSiB[®] SiM4008 is supplied in 25Kg craft paper bag with PE inner bag.

In the unopened original container, SiSiB[®] SiM4008 has a shelf life of two years 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.