

SiSiB[®] SiM4004

Silicone Masterbatch

INTRODUCTION

SiSiB[®] SiM4004 is a slip and anti-block masterbatch. It uses PE as the carrier, with a self-developed copolymerized polysiloxane as the slip agent and synthetic silica as the anti-block agent. It is suitable for PE films.

BENEFITS

- ❑ Improves slip and anti-blocking in PE films, reduces friction, and maintains transparency.
- ❑ Ensures stable, long-lasting slip properties even at high temperatures.
- ❑ Copolymerized polysiloxane is highly compatible, prevents precipitation, and resolves powdering.
- ❑ No adverse effects on printing and lamination processes.
- ❑ Provides good processing lubricity, which can enhance processing efficiency and improve the processing performance during production.

TYPICAL PHYSICAL PROPERTIES

Color and Appearance:	White or Yellowish Pellet
Anti-blocking Agent:	Silica
Resin Base:	PE
Dosage [%]:	1-6

APPLICATIONS

SiSiB[®] SiM4004 has good anti-blocking & permanent slip properties, lower coefficient of friction, and better processing properties in PE film.

It should be directly added to the surface layer of the film.

The recommend dosage is 1% to 6%.

PACKING AND STORAGE

SiSiB[®] SiM4004 is supplied in 25Kg craft paper bag with PE inner bag.

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In the unopened original container SiSiB[®] SiM4004 has a shelf 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.