

SiSiB[®] SP3060

Siloxane Powder

INTRODUCTION

SiSiB[®] SP3060 is a super slip thermoplastic additive containing 60% ultra-high molecular weight siloxane polymer and 40% silica.

SiSiB[®] SP3060 could be used as an additive in almost all thermoplastics polymer to improve processing properties, surface quality and mechanical property.

BENEFIT

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

TYPICAL PHYSICAL PROPERTIES

Appearance	White powder
Siloxane content	60%
Dosage (%)	0.5~5

APPLICATIONS

SiSiB[®] SP3060 is widely used to improve the lubricity and surface quality of plastics.

SiSiB[®] SP3060 can be used in modification of plastics, cable compounds, elastomers, thin-walled complicated parts, silicone core pipe, and plastic pipe etc.

SiSiB[®] SP3060 can be used in low smoke flame retardant PVC compounds and rigid PVC compounds.

SiSiB[®] SP3060 can be used in high temperature engineering plastics, which can improve the flow of the resin and processing properties, promote the crystallization of PA, improving the surface smoothness and impact strength.

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SiSiB[®] SP3060 can improve the surface finish without any bleeding when it is used in engineering plastics sheets.

SiSiB[®] SP3060 can be used to improve dispersion properties and make the surface more slip, prevent pigments reunion etc.

Use methods:

Pelleting/ Molding process is necessary for better performance when SiSiB[®] SP3060 mixed with the other materials at a certain proportion.

Recommend dosage:

It can improve the product's processing, liquidity and mold release when it is added at 0.5%-2%. At a high level, 1% to 5% can improve the surface properties (smoothness, finish, scratch resistance and abrasion resistance).

PACKING AND STORAGE

SiSiB[®] SP3060 is supplied in 25Kg craft paper bag.

In the unopened original container SiSiB[®] SP3060 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.