



Masterbatches e Additivi per Materie Plastiche ed Elastomeri

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SiliconLube SI-300C

Informazioni Tecniche

SILICONE POWDER PER TECNOPOLIMERI

Introduction

SILICONLUBE SI-300C is a powdered formulation with 60 % ultra-high molecular weight siloxane polymer without any organic resin carrier. Compare with traditional additives (Amide, Ester, Wax, etc.), it's a more efficient lubricant. Small dosage can significantly improve the processing properties and surface quality. Now it had been widely applied in engineering plastics and some other industries which need good anti-scratch resistance and excellent surface finish.

Typical performance:

Appearance	White powder
Silicone content	60 %
Resin base	=
Dosage	0.5-2%

Features

Improving the processing performance, less extruder torque, reduced equipment wear, better mold filling and reduce product defect rate.

Obvious lower the coefficient of friction, improve surface smoothness, enhance the surface silk texture, scratch and abrasion resistance.

Enhanced fuel resistance, reduced smoke density, improve the impact strength and surface gloss of fuel resistance (high filling) materials

Good stability, non-migratory and surface without precipitation.

Typical applications:

Modification of plastics, cable compounds, elastomers, thin-walled complicated parts, silicone core pipe, plastic pipe and so on.

PP, PA6, PC, PPS, PBT, POM... high temperature engineering plastics, can improve the flow of the resin and processing properties, promote the crystallization of PA, improve the surface smoothness and impact strength..

Engineering plastics sheets: improve the surface finish without any bleeding.

Masterbatches: improve dispersion properties and make the surface more slip, prevent pigments reunion etc.

Use methods

SILICONLUBE SI-300C mixed with the resin at a certain proportion, pelleting or granulating process is necessary before extrusion or injection or other processing way.

Recommend dosage: when added at 0.5% to 2,0%

Package

Package: 20 Kg. paper bag

Material Safety Data Sheet in 16 points is available upon request