

Efficient Lubricant-Silicone Powder ST-LS100

Product Profile

ST-LS100 is mainly made from high molecular weight polysiloxane. It can be used as processing additive and surface modifier for thermoplastics. It can improve the flowability and surface glossiness, reduce the friction factor.

Specification

Item	Unit	Value
Appearance		white powder
Active Ingredient Content	%	≥99.0
Whiteness		≥96
Average Particle Size (D50)	μm	10-20

Feature

1. Has good thermal stability and migration-resistance, it can be used for high temperature processing engineering plastics, such as PPS、PPA.
2. Improve the lubricating properties, mould releasing and flowability, reduce the torque of screws, consumption, and final products' defect date, and make mold filling easier.
3. Obviously reduce the friction factor of product surface. Improve smoothness, surface silk-smooth properties and scratch resistance.
4. Improve the surface glossiness of reinforced/filled products.
5. Improve flame-retardant property and reduce smoke density.

Application

This product is suitable for different basic resins: polyolefin, PA, PBT, TPU, PC, PPO, PPS, POM, ABS, PVC. It can be used in products: modified engineer plastics, halogen free FR cable, anti-block masterbatch, etc.

Recommended Dosage

Application	To improve flowability and mould releasing property.	To improve appearance and surface glossiness.	To change the surface property, reduce friction factor and improve slipping property.
Dosage	0.3-1.0%	0.6-2.0%	2.0-5.0%

Package & Storage

20kg/package, transported as common chemicals. Keep in dry, cool place.

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