

Efficient Lubricant & Scratch Resistance

Siloxane Masterbatch ST-LS302AS

Product Profile

Siloxane masterbatch ST-LS302AS is made from high molecular weight polysiloxane and nanometer scratch resistant additives uniformly dispersed in polypropylene resin. It can be blended evenly with other materials in production, easier processing. It is used as scratch resistant modifier and processing aids for thermoplastics, to improve the surface properties of products and reduce coefficient of friction, improve the touch feeling and improve the flowability in processing.

Specification

Item	Unit	Value
Appearance		white pellet
Active Ingredient Content	%	≥50

Feature:

1. Obviously reduce the surface friction factor of product. Improve scratch resistance, smoothness, and surface silk-smooth properties.
2. Improve the lubricating properties, mold releasing and flowability, reduce the torque of screws, consumption; Make mold filling easier and reduce molding period; Reduce final products' defect rate and cost.
3. Has good thermal stability and migration-resistance, doesn't affect the post processing (such as spraying, printing).

Application

This product is suitable for modified resins such as PP, TPE and PP alloy, etc. It can be used in scratch resistance products such as PP injection parts, PP pipe, BOPP film, etc.

Recommended Dosage

The dosage for the common scratch resistance system is: 0.5-3%.

Package & Storage

20kg/carton. Stored below 35°C and transported as common chemicals. Keep in dry, cool place.

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Beijing: +86-10-82895072 Shanghai: +86-21-62164991 Guangzhou: +86-20-82308865 Hongkong: +852-53046010 E-mail: sales@starbetter.com Web: www.starbetter.com