

Flow Improver ST-PA9

Product Profile

ST-PA9 series additives are innovative lubricants for polyamide application. It has the functions of increasing melt flow index, increasing elongation, improving dispersion, improving compatibility and increasing loading content. The comprehensive performance is much better than CBT, EBS, silicone, Montan wax, and traditional lubricants.

It is widely used in PA, Glass fiber/Filler/Fire retardant reinforced PA.

Specification

Item	Unit	Value
Appearance		solid powder
Active Ingredient Content	%	≥98.0
Odor		No
Melting Range	°C	130-150

Recommended Dosage

0.2-0.5%.

Compounding Guidelines

1. Twin Screw Extrusion

Compound using twin-screw extrusion, including ST-PA7/PA9 at a rate of 0.25% by weight into the polymer (unless otherwise suggested by STAR-BETTER Chemical).

The additive should be fed by mixing with the resin 'dry' and adding at the extruder throat.

2. Moisture & Drying

Keep the bag tightly, avoid moisture and heat, no drying procedure needed.

3. Compounding Temperatures

Use moderate temperatures during compounding where possible. If the additive is processed in a polymer at a temperature of over 310°C there may be some “yellowing” of the compound. If this case, lower the operating temperature slightly if possible.

Package & Storage

25kg/package, transported as common chemicals.

Please stored at room temperature, avoid damp and longtime exposure.

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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