

# SlipMasterbatch - T

## POOYESH POLYMER Co.

Polyolefin films tend to adhere to themselves (film-to-film) and metal surfaces (film-to-metal) due to their high coefficient of friction (COF). For easy processing, polyolefin films need around 0.2 COF. Slip agent masterbatches are able to modify the surface properties of a film and thus lower the friction between film layers and other surfaces. To be effective the slip needs to migrate out of the polymer to the surface and therefore it must have a degree of incompatibility with the polymer.



### 1- Identification of the Preparation:

<b>Product Type:</b>	Slip Agent Masterbatch
<b>Product Name:</b>	Slip Agent - T
<b>Appearance:</b>	Granule
<b>Company:</b>	POOYESH POLYMER

## 2- Product Description:

As slip agent, fatty acid amides are normally used. During processing they are solubilized in the amorphous melt, but as the polymer cools and crystallizes the fatty acid amides are squeezed out forming a lubricating layer at the polymer surface. The addition of slip agents can prevent film sticking and pulling helping to increase throughput.

<b>Carrier Resin:</b>	LDPE
<b>Carrier Resin MFI:</b>	(gr/10 min) 2
<b>Density:</b>	(gr/cm <sup>3</sup> ) 0.98
<b>SlipAgent:</b>	10%
<b>Antistatic:</b>	1%
<b>Recommended Dosage Rate:</b>	Up to 1 wt%

## 3- Product Benefits:

- **Improve the flow characteristics of plastics during processing**
- **Reduce the frictional resistance of end product surfaces**
- **Enhance both appearance and function**
- **Can be used together with other additive masterbatches such as anti-blocking, antistatic and heat stabilizer masterbatches.**

## 4- Product Benefits:

Slipagent masterbatch POOYESH POLYMER POUYA bags should be stored in a dry and cool place below 35 ° C, protected from sunlight & tightly closed to avoid contamination. Slip is packed in special 20kg bags

**POOYESH POLYMER CO.**

**Manufacturer of colored masterbatches and polymer additives**

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