



## **PA/PE/PP Film Material Functional Materbatch**

## PROCESSING AID MASTERBATCH

This product is a highly efficient processing aid masterbatch, which distributes high quality and efficient PPA additives into the carrier resin in a stable form to form a masterbatch with good processing performance;

### Working Principle:

This product is a fluoropolymer masterbatch. After adding this masterbatch to the production, the fluoropolymer migrates to the outer layer of the melt and adheres to the metal surface. By reducing the friction between the melt and the equipment during processing to reduce the accumulation of material in the die buildup, material scorching and melt rupture, etc.

### Product characteristics:

Reduce or eliminate die buildup, reduce film stripe, prolong cleaning film lip time;

Reduce melt pressure, reduce carbon deposit, prolong screen changing time;

Eliminate melt rupture, improve film transparency and gloss;

### Physical properties :

Property	Test standard	Test condition	IU	Typical values
Physical properties				
Moisture content	ISO 62	23℃	ppm	800
Melt flow rate	ISO 1133	230℃, 2.16kg	g/10min	10
Others				
Effective content	PPA content 5%			
The typical numbers are as follows:				
Z500	Suitable for IPE blowing film, suitable for up blowing and down blowing;			
FE1006	Suitable for CPE casting film, high temperature resistance;			
FE1009	Suitable for IPE blowing film, quick effect;			

Property	Test standard	Test condition	IU	FP228
Physical properties				
Moisture content	ISO 62	23°C	ppm	800
Melt flow rate	ISO 1133	230°C, 2.16kg	g/10min	10
Others				
Effective content	PPA content 3%			

### Addition ratio:

To speed up the process of pre-coating with processing aid masterbatch, the following is recommended:

75% of the raw material used for production and 25% of the processing aid masterbatch; run for approximately 20-30 minutes until the melt pressure drops significantly and you can return to normal masterbatch additions.



COOPERATION WIN-WIN INNOVATION DEVELOPMENT

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