



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

## PA ANTIBLOCKING MASTERBATCH

This series products are PA slip and antiblock products with uniform dispersion, good anti-adhesive effect and low COF which can be applied to printing and lamination applications.

### Product characteristics:

This product is a slip and antiblock masterbatch produced by a special process and additives with PA as the carrier. The masterbatch can ensure the microscopic smoothness of the film surface, suitable for intaglio printing and will not affect the printing and sealing fastness of the film under normal dosage. The product meets GB4806.7-2016 food safety requirements.

### 1.Master batch for film blowing and casting

Property	Test standard	Unit	Slip and Antiblock FB7009	Slip and Antiblock FB7003	Slip FB1002	Processing Additives FB8001	Anti-crimp AT01	Anti-thermal Ageing NL001A	Anti-thermal Ageing NL009
Physical properties									
Density	ISO 1183	g/cm <sup>3</sup>	1.20	1.20	1.13	1.14	1.13	1.13	1.13
Moisture content	ISO 62	ppm	600	600	600	600	600	600	600
Others									
Effective content		%	15	15	7	3	10	10	20
Characteristics of masterbatch			Standard product, fast-acting, can be used for bag-making	Ultra-low haze, fast-acting, can be used for bag-making	Don't affect film's printing and lamination	Reduce die build-up; reduce striations	Reduce film crimp	Increase the heat resistance to 180 degrees	Increase the heat resistance to 200 degrees

### 2.Master batch for BOPA

Property	Test standard	Unit	Slip and Antiblock AB8005	Slip and Antiblock AK3117	Antiblock AB811	Slip SL105	Processing Aid FB8003
Physical properties							
Density	ISO 1183	g/cm <sup>3</sup>	1.16	1.16	1.18	1.13	1.13
Moisture content	ISO 62	ppm	600	600	600	600	600
Others							
Effective content		%	12	15	11	5	3
Characteristics of masterbatch			Corona layer masterbatch to meet light screen printing, high retention of corona value	Non-corona layer masterbatch, good anti-sticking effect and high corona value	Applicable to single-layer extrusion equipment, or customers add separately	Applicable to single-layer extrusion equipment, or added separately by the customer	Reduce die build-up and prolong cleaning film lip time

### Addition ratio:

Directly mixed with raw materials according to the proportion;

Recommended addition ratio: The exact proportion of addition depends on the type of machine, film thickness, production capacity and subsequent use requirements, etc. The exact amount should be obtained through tests or by contacting our technical service for formulation optimization.



COOPERATION WIN-WIN INNOVATION DEVELOPMENT

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