



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

## Company introduction

Zhangzhou Xinyilong New Materials & Technology Co. Ltd., is a High-Tech enterprise specialized in functional additives/ masterbatches for BOPA films, with the ability to provide tailor-made solution to BOPP film manufacturers by combining research and development, manufacture and sales in one company. We also manufacture the additives/masterbatches for cast film, blown film and POF film. Our company was established in 2018 as a domestic supplier of masterbatch with a complete range of products. Since its establishment, the company has been expanding in size and market share. Product technology level reaches international advanced. Today the company has an annual production capacity of 10,000 tons of masterbatch and annual sales of nearly 200 million RMB. The products cover a number of functional applications such as anti-stick, slip, matting, heat-resistant, and transparency, among which masterbatch for BOPA has occupied a major market share in China.

## PE SLIP AND ANTIBLOCK MASTERBATCH

This series products are PE 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 PE 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.

### Physical properties:

Property	Test standard	Unit	Slip and Antiblock FE3015	Slip and Antiblock FE105	Slip and Antiblock FE3016K	Slip and Antiblock EX1441	Slip and Antiblock FE3025	Antiblock FE4012	Antiblock F160	Slip FE7010	Slip TS003
Physical properties											
Density	ISO 1183	g/cm <sup>3</sup>	0.95	0.95	0.95	0.95	0.96	0.94	0.96	0.91	0.91
Moisture content	ISO 62	ppm	800	800	800	800	800	800	800	800	800
Melt flow rate	ISO 1133	g/10min	5	15	10	10	10	5	15	10	10
Others											
Effective content	%		20	15	20	30	25	12	16	10	--
Characteristics of masterbatch			Standard product	Large silica particle size, good antiblocking property	Ultra-low fog, low visible blooming	Non-migrating slip and antiblock	Cost effective, good antiblocking property	Standard product	Large particle size, good antiblocking property	Standard product	Low visible blooming

### Addition ratio:

Direct mixing with raw materials in proportion;

Recommended addition ratio: 0.5-3.0% ;

Specific addition ratio will vary with application.



COOPERATION WIN-WIN INNOVATION DEVELOPMENT

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