

HD-AT42

HD-AT42 is an antistatic masterbatch with 42% high additive content for BOPP films. It can provide the film with excellent antistatic and proper slip property, good optical property, low haze, and high gloss. The addition of this masterbatch can reduce the smoke from die head, TDO oil stain. AT42 is suitable for high quality printing film, bag film, paper-plastic composite film, matt film, pearlized films, etc.

General

Appearance	*Pale Yellow	
Forms	*Short chip	
Agency Ratings	*EU NO 10/2011	*FDA21 CFR 177.1520

Chemical	Nominal Value	Test Method
Additive Content	42.0%	ASTM D 2765
Specific Gravity	0.93 ± 0.05 g/cm ³	DIN53479
Bulk Density	540 ± 50 kg/m ³	ASTM D 1895
Moisture Content	≤ 5000ppm	
Melt Flow Index (MFI)	26	

Usage

Processing Method	*Cast Film	*Blown Film
	*Oriented Flat Film	
Base Resin	Homopolymer PP	
Recommended Dosage	0.5%-2.0% in core layer	

Storage: Although no known shelf life has been determined for this concentrate. Our recommends that AT42 be stored at room temperature (25 or so) and used within 12 months of purchase for optimum performance. Long-term or high temperature storage may cause blocking or color burn. There's no negative effect on masterbatch property to use.

Packing: Anti-moisture paper-plastic bag, 25 kg per bag.

Safety: Please refer to the MSDS for additional safety information.

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.