

Technical Data sheet

Niruadd-MB-AB

Anti Block Masterbatch

Nirumand Polymer



Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

Product Description

Niruadd-MB-AB is an anti block masterbatch is used to prevent sticking two layers. The addition of an anti blocking agent creates space between two plastic layers (surface roughness) and reduces or eliminates blocking and sticking of polymeric films. It has been recommended for in PE, PP, PO blown film products, blow molding and casting processing. The addition of anti block masterbatch in film avoids blocking during wind-up, regulates the slip and anti-static properties of additive films and improve macginability at the converter and end-user.

General Properties

Material Status	•Commercial: Active
Forms	•Pellets
Processing Method	•Blown film, BOPP film processing, cast film
Appearance	•Translucent

Physical Properties	Value	Unit	Test Method
Density	1.01	gr/cm ³	ISO 1183
Melt Mass-flow Rate (MFR) (230°C/2.16 kg)	gr/10 min	ASTM D1238
Moisture content	0.02	%	ASTM D570

Usage

The addition rate of the Niruadd-AB depends on thickness of the film and should be adjusted as following instruction:

Thickness (μm)	Niruadd-AB (%)
25	0.75
50	0.50
100	0.25

Special characteristics

Reduce the adhesion effects of plastic products distinctly

When the ratio is suitable, it will not affect the transparent property

Regulate slip and antistatic properties

Facilitates winding and unwinding of the film reels

◆ Values shown are average & are not to be considered as product specifications.

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