

Premix Thermoplastics PREADD AB 171

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE

Material Notes:

PREADD AB 171 is an antiblock masterbatch based on synthetic silicate with PE-LD as the carrier polymer. PREADD AB 171 has been developed for applications where an antiblock or matting effect is desired – typically it is being used in the manufacture of polyethylene films. Due to the good dispersion, purity and fineness of the silicate used, a good antiblocking effect can be achieved already at addition levels of 0.5 %. When using PREADD AB 171 for film matting, an addition of 5-10% is recommended. This addition level does not yet affect negatively on the mechanical properties of the product. PREADD AB 171 is approved for use in contact with foodstuffs according to FDA and BgVV regulations without limitations. Information provided by Premix Thermoplastics Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Premix-Thermoplastics-PREADD-AB-171.php

Physical Properties	Metric	English	Comments
Density	1.00 g/cc	0.0361 lb/in ³	
Additive Loading	15 %	15 %	Synthetic Silicate

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 °C	500 °F	

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.15 %	<= 0.15 %	When Produced
Shelf Life	12.0 Month	12.0 Month	Normal Storing Conditions

Descriptive Properties	Value	Comments
Appearance	Granule	
Carrier	PE-LD	
Color	Whitish	
Dosing, %	0.3 to 1	For Antiblock Effect
	5 to 10	For Matting
Light Fastness	8-Very Good	

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