

POLYBATCH® AB 5

Product Description

POLYBATCH® AB 5 is an antiblock masterbatch for Polyethylene films containing synthetic antiblocking agents combining optimum antiblocking and optical properties for a given film gauge.

The addition of antiblock masterbatches in film avoids blocking during wind-up, regulates the slip and anti-static properties of additive films, allows smooth unwinding from the reels and improves "machinability" at the converter and the end-user.

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Uses	• Masterbatch		
Agency Ratings	• EU 2002/72/EC ¹	• FDA 21 CFR 177.1520	• FDA 21 CFR 177.1520(c) 2.1
Processing Method	• Blown Film	• Cast Film	

Physical	Nominal Value (English)	Nominal Value (SI)
Additive Content (Antiblock)	5.0 %	5.0 %
Specific Gravity	0.952	0.950 g/cm ³
Bulk Density	34.3 lb/ft ³	550 kg/m ³
Moisture Content	< 1500 ppm	< 1500 ppm

Usage

Blocking is defined as the adhesion between two adjacent layers of film. It may arise during processing, storage, conversion or usage. Blocking occurs also in tightly wound reels or in sheets stacked under pressure, in the latter case REBLOCKING is frequently found.

Blocking and reblocking tendency is measured as the force necessary to separate two layers of film, after conditioning at controlled temperature and pressure.

In most cases the addition rates are as follows:

Regulatory

POLYBATCH® AB 5 can be used in Polyethylene films for food-packaging according :

- FDA: approved
- EEC: approved
- BgVV: max. 12%

Detailed information is available upon request.

Packaging & Storage

POLYBATCH® AB 5 is packed in 25 kg Polyethylene bags on shrink-wrapped pallets.

POLYBATCH® AB 5 can be stored up to maximum 1 year at 25°C for optimum performance. Higher temperatures might reduce storage time considerably.

Notes

¹ Commission Directive 2002/72/EC and its successive amendments up to and including 2009/975/EC.