# POLYBATCH® AB 20

## Product Description

POLYBATCH® AB 20 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	Europe			
Uses	<ul> <li>Masterbatch</li> </ul>			
Agency Ratings	• EU 2002/72/EC <sup>1</sup>	• FDA 21 CFR 177.1520		

Physical	Nominal Value (English)	Nominal Value (SI)	
Additive Content (Antiblock)	20.0 %	20.0 %	
Specific Gravity	1.06	1.06 g/cm <sup>3</sup>	
Bulk Density	40.6 lb/ft <sup>3</sup>	650 kg/m³	
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 20 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 20 is packed in 25 kg Polyethylene bags on shrink-wrapped pallets.

POLYBATCH® AB 20 can be stored up to maximum 12 months at 25°C for optimum performance. Higher temperatures might reduce storage time considerably.

### Notes

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

Rev. 2010-02-10

🖈 A. Schulman

Copyright ©, 2016 A. Schulman Inc.

The information and recommendations contained in this document are based upon data collected by A. Schulman and are believed to be reliable; however, because A. Schulman cannot anticipate or control the many different conditions under which this information and/or product may be used, no representation is made and no warranty is given of any kind, express or implied, for completeness, accuracy, availability, suitability, usefulness, commercial value, or non-violation of infellectual property rights of information, recommendations, and products and services directly provided. A. Schulman assumes no responsibility for the results of the use of products and services directly are completed. A. Schulman assumes no responsibility for the results of the use of products and processes described herein and expressly disclaims the implied warranties of merchantability and fitness for a particular use.