

## ***POLYBATCH<sup>®</sup> AB 5***

***POLYBATCH<sup>®</sup> 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 antistatic properties of additive films, allows smooth unwinding from the reels and improves “machinability” at the converter and the end user.

### **PHYSICAL PROPERTIES**

Base resin	PE
Melt Index (190/2,16; g/10 min)	14
Specific Gravity (g/cm <sup>3</sup> )	0,95
Bulk Density (g/l)	550
Moisture Content (ppm)	< 1500
Additive Content (%)	5

These are typical properties only, and are not be regarded as sales specifications.

### **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:

	Thickness of the film in Micron				
	25	50	75	100	150
<b><i>POLYBATCH<sup>®</sup> AB 5</i></b>	3.0%	2.0%	1.5%	1.0%	--

### **FOOD APPROVAL**

***POLYBATCH<sup>®</sup> AB 5*** can be used for food-packaging according to:

FDA	no limitation
EEC (90/128)	no limitation

Detailed information available upon request.

### **PACKAGING AND STORAGE**

***POLYBATCH<sup>®</sup> AB 5*** is packed in 25 kg polyethylene bags on shrink-wrapped pallets. The storage time should not exceed 12 months for optimum performance.

Users should undertake sufficient verification and testing to determine the suitability for their own purpose of any information or products referred to herein.

Reported values pertain only to natural resins : pigmenting may vary properties.

NOTE : While the information herein is believed to be reliable and correct, nothing herein is intended and should not be construed as a representation or warranty, expressed or implied, as to results obtained or to be obtained by others who may make use of this information or with respect to the absence, existence or validity of patent rights, if any of others involving any composition or process herein referred to ; or an inducement or recommendation for the violation of any such patent rights; and responsibility and liability therefore is disclaimed.