

POLYBATCH® ABER 11 SC

Product Description

POLYBATCH® ABER 11 SC is a combined antiblock and slip masterbatch especially designed to be used in the skin of coextruded CPP/BOPP films, produced on BLOWN or STENTER lines.

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(c) 3.1	
Appearance	• Off-White		
Forms	• Pellets		
Processing Method	• Blown Film • Cast Film	• Double-Bubble Film • Oriented Flat Film	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Additive Content			
Erucamide	5.0 %	5.0 %	
Silica, Synthetic	5.0 %	5.0 %	
Specific Gravity	0.952	0.950 g/cm ³	DIN 53479
Bulk Density	31.2 to 43.7 lb/ft ³	500 to 700 kg/m ³	DIN 53466
Melt Flow Index (230°C/2.16 kg)	7.0 g/10 min	7.0 g/10 min	DIN 53735
Moisture Content	< 600 ppm	< 600 ppm	SCHULMAN 438

Usage

POLYBATCH® ABER 11 SC is an antiblocking/slip masterbatch yielding very low haze, because of the excellent dispersion of the silica and the high purity of the erucamide. This masterbatch can withstand a temperature of 280 degree centigrade without thermal decomposition. POLYBATCH® ABER 11 SC is useful when only barefoot copolymer is available on site or to reinforce, in hot and humid countries, the already formulated copolymers.

The right selection of the antiblocking/slip system for the skin is often underestimated. The interaction of the migrating chemicals from the core with the additives in the skin is essential to reach the desired optical, static and friction properties.

Recommended addition rate:

POLYBATCH® ABER 11 SC is normally added at a 2 or 3 percent level in the skin of coextruded film.

Packaging & Storage

POLYBATCH® ABER 11 SC is hygroscopic, and therefore packed in 20 or 25 kg moisture proof bags, on stretch-wrapped 1000 or 1250 Kg pallets. POLYBATCH® ABER 11 SC 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.