

POLYBATCH® FSU 105 E

Product Description

POLYBATCH® SLIP FSU 105 E is a slip/antiblock masterbatch, providing balanced surface properties to LDPE, LLDPE and EVA films. The Amide slip agents are extremely pure and are combined with finely dispersed Silica grades, selected for their optimum optical properties.

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 • FDA 21 CFR 177.1520(c) 3.2	
Appearance	• Off-White		
Forms	• Pellets		
Processing Method	• Blown Film • Cast Film	• Double-Bubble Film • Sheet Extrusion	

Physical	Nominal Value (English)	Nominal Value (SI)
Additive Content		
Erucamide	5.0 %	5.0 %
Silica	10.0 %	10.0 %
Specific Gravity	0.982	0.980 g/cm ³
Bulk Density	37.5 lb/ft ³	600 kg/m ³
Moisture Content	< 1500 ppm	< 1500 ppm

Usage

POLYBATCH® SLIP FSU 105 E should be used for applications, where the processing temperature does not exceed 280°C.

Depending on the desired slip and antiblock effect the recommended let-down ratios are:

- from 0.5 to 2% of POLYBATCH® SLIP FSU 105 E

Migratory additives such as oleamide and erucamide can cause problems of screw slip and poor print adhesion, poor sealing and glueing strengths if over-dosed. It is important to assess the full additive package since other additives may also migrate e.g. antistatic, UV, processing aids which may, when combined, produce the undesirable effects described above.

Regulatory

Detailed information can be provided upon request.

Packaging & Storage

POLYBATCH® SLIP FSU 105 E are packed in 25 kg Polyethylene bags on shrink-wrapped pallets.

POLYBATCH® SLIP FSU 105 E can be stored up to maximum 6 months at 25°C for optimum performance as decreased slip properties, rancid odours or a brownish colour can develop. 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.