

ALKAMIX™ MB-6005

Low Density Polyethylene

Marplex Australia Pty. Ltd.

Message:

ALKAMIX™ MB-6005 is a combined slip and antiblock masterbatch based on a low density polyethylene carrier. It is formulated with slip additive (Erucamide) at a concentration of 8 percent and antiblock additive at a concentration of 25 percent.

ALKAMIX™ MB-6005 can be added to linear low density polyethylene (LLDPE) during extrusion to reduce the film blocking and coefficient of friction. The level required will vary according to the desired properties and the presences of any other additives, however the recommended addition level is between 1 and 2 percent.

The maximum level of addition of ALKAMIX™ MB-6005 based on both good manufacturing practice and to ensure conformance to the requirements to the United States Food and Drug Administration Regulations CFR21 is 2.5% when added to a polyethylene formulation free from any other additives. The suitability of finished articles manufactured using this material as a component, and the observance of given limitations, must be verified by the converter for each application to ensure compliance with all relevant regulations. An overall migration limit may apply to the finished article.

General Information			
Additive	Antiblock (25%)		
	Erucamide Slip (8%)		
Features	Antiblocking		
	Slip		
Uses	Masterbatch		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ASTM D1505
Injection	Nominal Value	Unit	
Processing (Melt) Temp	< 200	°C	

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