

ALKAMIX™ MB-UHSMB

Low Density Polyethylene

Marplex Australia Pty. Ltd.

Message:

ALKAMIX™ MB-UHSMB 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 1.6% and antiblock additive at a concentration of 9%.

ALKAMIX™ MB-UHSMB can be added to low density polyethylene (LDPE) or 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, including pigments, however the recommended addition level is 2% to LDPE and 5% to LLDPE.

The maximum level of addition of ALKAMIX™ MB-UHSMB based on both good manufacturing practice and to ensure conformance to the requirements to the United States Food and Drug Administration Regulations CFR21 is 12.5% 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 (9%)		
	Erucamide Slip (2%)		
Features	Antiblocking		
	Slip		
Uses	Masterbatch		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	> 0.964	g/cm ³	ASTM D792
Injection	Nominal Value	Unit	
Processing (Melt) Temp	< 200	°C	

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