

ALKAMIX™ MB-6003

Ethylene Acrylic Acid Copolymer

Marplex Australia Pty. Ltd.

Message:

ALKAMIX™ MB-6003 is an antistatic masterbatch based on an Ethoxylated Alkyl Amine compound at a concentration of 2 percent. ALKAMIX™ MB-6003 can be added to polyethylene during extrusion to assist in dissipation of static charge build-up during subsequent conversion of the film. The recommended addition level is 3 percent for gauges less than 100 micron and 2 percent for gauges greater than 100 micron and less than 400 micron. However, care must be taken when added to very high slip film grades, as both slip (Erucamide or Oleamide) and the antistatic additive (an ethoxylated amine) are surface migratory and their combination on the surface of the film could result in problems with treatment, sealing, printing or other post extrusion processes.

The maximum level of addition of ALKAMIX™ MB-6003 based on both good manufacturing practice and to ensure conformance to the requirements to the United States Food and Drug Administration Regulations CFR21 is 4 percent, when added to a polyethylene formulation free of 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	Antistatic (2%)		
Features	Antistatic		
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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