

ALKAMIX™ ADDITIVE MASTERBATCH

ENGINEERING THERMOPLASTIC

ALKAMIX™ IS A REGISTERED TRADEMARK OF MARPLEX AUSTRALIA PTY. LTD.

ALKAMIX™ MB-6006

ALKAMIX™ MB-6006 is a processing aid masterbatch based on a fluoropolymer compound at a concentration of 5 percent.

ALKAMIX™ MB-6006 can be added to linear low density polyethylene (LLDPE) during extrusion to eliminate melt fracture ("Sharkskin") type extrusion defects. The level required will vary according to extrusion equipment and type of LLDPE being used, however the recommended addition level is between 1 and 2 percent. ALKAMIX MB6006 is compatible with the process aid used in "Alkatuff" film polymers.

The maximum level of addition of ALKAMIX™MB-6006 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.

	<u>CONDITIONS</u>	<u>UNITS</u>	<u>TYPICAL VALUES</u>	<u>TESTING METHODS</u>
<u>1. Physical Properties</u>				
Density of Base Resin		g/cm ³	0.935	ASTM D1505

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Material Safety Data Sheet (MSDS): Code 30530302

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TYPICAL PROCESSING CONDITIONS

ALKAMIX™ MB-6006

The following typical guidelines are offered as initial processing conditions for **ALKAMIX™ MB-6006**. In practice, processing parameters may need to be varied to give commercially acceptable performance in conjunction with optimum physical properties. For specific technical advice on part design or processing conditions, contact the Marplex Technical Service Department.

Recommended maximum processing temperature <200°C

Conversions: 1 MPa = 145 psi
= 10.2 kg/cm²
= 10 bar
°C = 5(F-32)/9
1 kN/cm² = 0.65 ton/in²