

Arkema Group LOTRYL® 24 MA 005 Copolymer Ethylene - Methyl Acrylate

Category : Polymer , Thermoplastic , Ethylene Methyl Acrylate , Ethylene-Methyl Acrylate Copolymer, Film Grade

Material Notes:

LOTRYL® 24 MA 005 is a random copolymer of ethylene and methyl acrylate made by high-pressure radical polymerisation process. Due to the high methyl acrylate content, LOTRYL® 24 MA 005 is a polymer of choice for applications where softness, flexibility and polarity are required. Typical applications are flexible film, polyesters modification and cable compounds. Information provided by Arkema Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-LOTRYL-24-MA-005-Copolymer-Ethylene-Methyl-Acrylate.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc @Temperature 23.0 °C	0.0340 lb/in ³ @Temperature 73.4 °F	ISO 1183
Methyl Acrylate Content	23 - 26 %	23 - 26 %	IRTF (internal)
Melt Index of Compound	0.40 - 0.60 g/10 min @Load 2.16 kg, Temperature 190 °C	0.40 - 0.60 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	84	84	ASTM D2240
Tensile Strength at Break	17.0 MPa	2470 psi	ASTM D638
Elongation at Break	750 %	750 %	ASTM D638
Flexural Modulus	0.0180 GPa	2.61 ksi	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	72.0 °C	162 °F	DSC
Vicat Softening Point	45.0 °C @Load 1.02 kg	113 °F @Load 2.25 lb	ASTM D1525

Processing Properties	Metric	English	Comments
Processing Temperature	<= 300 °C	<= 572 °F	

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