

Arkema Group LOTRYL® 29 MA 03 Copolymer Ethylene - Methyl Acrylate

Category : Polymer , Thermoplastic , Ethylene Methyl Acrylate

Material Notes:

LOTRYL® 29 MA 03 is a random copolymer of ethylene and methyl acrylate made by high-pressure radical polymerisation process. Due to the high methyl acrylate content, LOTRYL® 29 MA 03 is a polymer of choice for applications where softness, flexibility and polarity are required. Information provided by Arkema Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-LOTRYL-29-MA-03-Copolymer-Ethylene-Methyl-Acrylate.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc @Temperature 23.0 °C	0.0343 lb/in ³ @Temperature 73.4 °F	ISO 1183
Methyl Acrylate Content	27 - 31 %	27 - 31 %	IRTF (internal)
Melt Index of Compound	2.0 - 3.5 g/10 min @Load 2.16 kg, Temperature 190 °C	2.0 - 3.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75	75	ASTM D2240
Tensile Strength at Break	6.00 MPa	870 psi	ASTM D638
Elongation at Break	900 %	900 %	ASTM D638
Flexural Modulus	0.00800 GPa	1.16 ksi	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	61.0 °C	142 °F	DSC
Vicat Softening Point	<= 40.0 °C @Load 1.02 kg	<= 104 °F @Load 2.25 lb	ASTM D1525
Ring & Ball Softening Point	175 °C	347 °F	ASTM E28

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

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