

Arkema Group LOTRYL® 20 MA 08 Copolymer Ethylene - Methyl Acrylate

Category : Polymer , Thermoplastic , Ethylene Methyl Acrylate

Material Notes:

LOTRYL® 20 MA 08 is a random copolymer of ethylene and methyl acrylate made by high-pressure radical polymerisation process. Due to the high methyl acrylate content, LOTRYL® 20 MA 08 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-20-MA-08-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	19 - 22 %	19 - 22 %	IRTF (internal)
Melt Index of Compound	7.0 - 9.0 g/10 min @Load 2.16 kg, Temperature 190 °C	7.0 - 9.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	83	83	ASTM D2240
Tensile Strength at Break	9.00 MPa	1310 psi	ASTM D638
Elongation at Break	800 %	800 %	ASTM D638
Flexural Modulus	0.0200 GPa	2.90 ksi	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	80.0 °C	176 °F	DSC
Vicat Softening Point	46.0 °C @Load 1.02 kg	115 °F @Load 2.25 lb	ASTM D1525

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

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