

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

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

Material Notes:

LOTRYL® 20MBG08 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 MBG 08 is a polymer of choice for applications where softness, flexibility and polarity are required. LOTRYL® 20 MBG 08 contains slip and anti-block additives at the level required for extrusion coating process and fast sealing operations. Information provided by Arkema Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-LOTRYL-20-MBG-08-Copolymer-Ethylene-Methyl-Acrylate.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in ³	ISO 1183
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Methyl Acrylate Content	18 - 21 %	18 - 21 %	IRTF (internal)
Melt Index of Compound	7.0 - 9.0 g/10 min	7.0 - 9.0 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	83	83	ASTM D2240
Tensile Strength at Break	10.0 MPa	1450 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	48.0 °C	118 °F	ASTM D1525
	@Load 1.02 kg	@Load 2.25 lb	

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

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