

## Arkema Group LOTRYL® 18 MA 02 Copolymer Ethylene - Methyl Acrylate

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

### Material Notes:

LOTRYL® 18 MA 02 is a random copolymer of ethylene and methyl acrylate made by high-pressure radical polymerisation process. Due to the methyl acrylate content, LOTRYL® 18 MA 02 is a polymer of choice for applications where softness, flexibility and polarity are required.

Typical applications are extrusion-coating, coextrusion and compounds. Information provided by Arkema Group

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Arkema-Group-LOTRYL-18-MA-02-Copolymer-Ethylene-Methyl-Acrylate.php](http://www.lookpolymers.com/polymer_Arkema-Group-LOTRYL-18-MA-02-Copolymer-Ethylene-Methyl-Acrylate.php)

Physical Properties	Metric	English	Comments
Density	0.960 g/cc @Temperature 23.0 °C	0.0347 lb/in <sup>3</sup> @Temperature 73.4 °F	ISO 1183
Methyl Acrylate Content	17 - 20 %	17 - 20 %	IRTF (internal)
Melt Index of Compound	2.0 - 3.0 g/10 min @Load 2.16 kg, Temperature 190 °C	2.0 - 3.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	25	25	ASTM D2240
Tensile Strength at Break	13.0 MPa	1890 psi	ASTM D638
Elongation at Break	700 %	700 %	ASTM D638
Flexural Modulus	0.0500 GPa	7.25 ksi	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	83.0 °C	181 °F	DSC
Vicat Softening Point	53.0 °C @Load 1.02 kg	127 °F @Load 2.25 lb	ASTM D1525

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

## Contact Songhan Plastic Technology Co.,Ltd.

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