

Polimeri Europa Riblene® MR 10 R Low Density Polyethylene - Injection Molding

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Molded

Material Notes:

Riblene MR 10 R is a high fluidity low density polyethylene resin (LDPE). Parts made with Riblene MR 10 R are characterized by a high flexibility. Main Applications: Riblene MR 10 R is suitable for injection molding and compound applications. Riblene MR 10 R is recommended for large complex moldings, artificial flowers and low thickness articles. Because of its fluidity, the resin can be used as a base for masterbatches. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Riblene-MR-10-R-Low-Density-Polyethylene-Injection-Molding.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.918 g/cc	0.918 g/cc	ISO 1183
Melt Flow	20 g/10 min	20 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	45	45	ISO 868/A
Tensile Strength, Yield	10.0 MPa	1450 psi	ISO 527
Flexural Modulus	0.120 GPa	17.4 ksi	ISO 178

Thermal Properties	Metric	English	Comments
Melting Point	107 °C	225 °F	Internal method
Vicat Softening Point	84.0 °C	183 °F	ISO 306/A
	@Load 1.00 kg	@Load 2.20 lb	
Brittleness Temperature	<= -20.0 °C	<= -4.00 °F	ASTM D746

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