

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

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

Material Notes:

Riblene MQ 10 R is a good fluidity low density polyethylene resin (LDPE). Parts made with Riblene MQ 10 R are characterized by a high flexibility. Main Applications: Riblene MQ 10 R is suitable for injection molding and compound applications. Riblene MQ 10 R is recommended for stoppers, closures and low thickness articles. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Riblene-MQ-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	15 g/10 min @Load 2.16 kg, Temperature 190 °C	15 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	46	46	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	108 °C	226 °F	Internal method
Vicat Softening Point	84.0 °C @Load 1.00 kg	183 °F @Load 2.20 lb	ISO 306/A
Brittleness Temperature	<= -40.0 °C	<= -40.0 °F	ASTM D746

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