

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

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

Material Notes:

Riblene MQ 10 is a good fluidity low density polyethylene resin (LDPE).Parts made with Riblene MQ 10 are characterized by a high flexibility.Main Applications: Riblene MQ 10 is suitable for injection molding and compound applications. Riblene MQ 10 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-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	15 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	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	183 °F	ISO 306/A
	@Load 1.00 kg	@Load 2.20 lb	
Brittleness Temperature	<= -40.0 °C	<= -40.0 °F	ASTM D746

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