

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

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

Material Notes:

Riblene MV 10 is a low density polyethylene resin (LDPE) having an excellent fluidity. Parts made with Riblene MV 10 are highly flexible. Main Applications: Riblene MV 10 is ideal for injection molding applications. Riblene MV 10 is recommended for low thickness and very complex articles requiring a short production cycle and for masterbatches. Information provided by Polimeri Europa.

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Specific Gravity	0.917 g/cc	0.917 g/cc	ISO 1183
Melt Flow	65 g/10 min	65 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	43	43	ISO 868/A
Tensile Strength, Yield	9.00 MPa	1310 psi	ISO 527
Flexural Modulus	0.110 GPa	16.0 ksi	ISO 178

Thermal Properties	Metric	English	Comments
Melting Point	104 °C	219 °F	Internal method
Vicat Softening Point	80.0 °C	176 °F	ISO 306/A
	@Load 1.00 kg	@Load 2.20 lb	
Brittleness Temperature	<= 0.000 °C	<= 32.0 °F	ASTM D746

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