

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

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

Material Notes:

Riblene MT 10 R is a low density polyethylene resin (LDPE) having an excellent fluidity. Parts made with Riblene MT 10 R are highly flexible. Main Applications: Riblene MT 10 R is suitable for injection molding applications. Riblene MT 10 R is recommended for low thickness articles, artificial flowers and masterbatches. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Riblene-MT-10-R-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	40 g/10 min @Load 2.16 kg, Temperature 190 °C	40 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

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	106 °C	223 °F	Internal method
Vicat Softening Point	82.0 °C @Load 1.00 kg	180 °F @Load 2.20 lb	ISO 306/A
Brittleness Temperature	<= -10.0 °C	<= 14.0 °F	ASTM D746

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