

Polimeri Europa Riblene® MP 31 R Low Density Polyethylene - Injection Molding

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

Material Notes:

Riblene MP 31 R is a medium fluidity low density polyethylene resin (LDPE), with added slip agent. Parts made by Riblene MP 31 R are characterized by a medium rigidity. Main Applications: Riblene MP 31 R is suitable for injection molding and compound applications. Riblene MP 31 R is recommended for caps, stoppers, closures and medium thickness articles. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Riblene-MP-31-R-Low-Density-Polyethylene-Injection-Molding.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.924 g/cc	0.924 g/cc	ISO 1183
Melt Flow	8.0 g/10 min @Load 2.16 kg, Temperature 190 °C	8.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	50	50	ISO 868/A
Tensile Strength, Yield	12.0 MPa	1740 psi	ISO 527
Flexural Modulus	0.200 GPa	29.0 ksi	ISO 178

Thermal Properties	Metric	English	Comments
Melting Point	112 °C	234 °F	Internal method
Vicat Softening Point	92.0 °C @Load 1.00 kg	198 °F @Load 2.20 lb	ISO 306/A
Brittleness Temperature	<= -65.0 °C	<= -85.0 °F	ASTM D746

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