

Polimeri Europa Riblene® MR 30 Low Density Polyethylene - Injection Molding

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

Material Notes:

Riblene MR 30 is a high fluidity low density polyethylene resin (LDPE) characterized by a high flowability and a medium rigidity. Parts made with Riblene MR 30 are characterized by good mechanical and optical properties. Main Applications: Riblene MR 30 is ideal for injection molding applications. Riblene MR 30 is recommended for houseware, high gloss toys and low thickness articles. Because of its fluidity, Riblene MR 30 is also recommended for masterbatches production. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Riblene-MR-30-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	20 g/10 min @Load 2.16 kg, Temperature 190 °C	20 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	0.180 GPa	26.1 ksi	ISO 178

Thermal Properties	Metric	English	Comments
Melting Point	111 °C	232 °F	Internal method
Vicat Softening Point	92.0 °C @Load 1.00 kg	198 °F @Load 2.20 lb	ISO 306/A
Brittleness Temperature	<= -15.0 °C	<= 5.00 °F	ASTM D746

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