

Polimeri Europa Riblene® GM 30 R Low Density Polyethylene - Coating Grade

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

Material Notes:

Riblene GM 30 R is a medium fluidity low density polyethylene resin (LDPE). Main Applications: Riblene GM 30 R is suitable for coating applications where low neck-in and high manufacturing speed are required. Moreover, for its rheological properties, Riblene GM 30 R can be used for injection molded high thickness articles, caps, closures, stoppers and houseware. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Riblene-GM-30-R-Low-Density-Polyethylene-Coating-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.923 g/cc	0.923 g/cc	ISO 1183
Melt Flow	4.0 g/10 min	4.0 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	48	48	ISO 868/A
Tensile Strength at Break	13.0 MPa	1890 psi	ISO 527
Tensile Strength, Yield	11.0 MPa	1600 psi	ISO 527
Elongation at Break	450 %	450 %	ISO 527

Thermal Properties	Metric	English	Comments
Melting Point	113 °C	235 °F	Internal method
Vicat Softening Point	94.0 °C	201 °F	ISO 306/A
	@Load 1.00 kg	@Load 2.20 lb	
Brittleness Temperature	<= -75.0 °C	<= -103 °F	ASTM D746

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