

Polimeri Europa Riblene® GM 20 Low Density Polyethylene - Coating Grade

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

Material Notes:

Riblene GM 20 is a medium fluidity low density polyethylene resin (LDPE). Main Applications: Riblene GM 20 is suitable for coating applications where a low neck-in is required. Moreover, for its rheological properties, Riblene GM 20 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-20-Low-Density-Polyethylene-Coating-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	ISO 1183
Melt Flow	3.5 g/10 min	3.5 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	44	44	ISO 868/A
Tensile Strength at Break	12.0 MPa	1740 psi	ISO 527
Tensile Strength, Yield	10.0 MPa	1450 psi	ISO 527
Elongation at Break	520 %	520 %	ISO 527

Thermal Properties	Metric	English	Comments
Melting Point	111 °C	232 °F	Internal method
Vicat Softening Point	89.0 °C	192 °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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