

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

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

Material Notes:

Riblene GP 20 is a high fluidity low density polyethylene resin (LDPE). Main Applications: Riblene GP 20 is suitable for coating applications where low neck-in and high draw-down are key factors. For its excellent organoleptic properties Riblene GP 20 can be used for foodstuff flexible packaging. Moreover, for its rheological properties, Riblene GP 20 can be used for injection molded medium thickness articles, toys and houseware. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Riblene-GP-20-Low-Density-Polyethylene-Coating-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.919 g/cc	0.919 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	46	46	ISO 868/A
Tensile Strength at Break	11.0 MPa	1600 psi	ISO 527
Tensile Strength, Yield	9.00 MPa	1310 psi	ISO 527
Elongation at Break	500 %	500 %	ISO 527

Thermal Properties	Metric	English	Comments
Melting Point	108 °C	226 °F	Internal method
Vicat Softening Point	85.0 °C @Load 1.00 kg	185 °F @Load 2.20 lb	ISO 306/A
Brittleness Temperature	<= -75.0 °C	<= -103 °F	ASTM D746

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