

Polimeri Europa Riblene® BD 30 Low Density Polyethylene - Blow Molding

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Blow Molding Grade

Material Notes:

Riblene BD 30 is a low density polyethylene resin (LDPE) characterized by high melt strength and optimum processability. Parts manufactured with Riblene BD 30 have good mechanical performances. Main Applications: Riblene BD 30 is suitable for blow molding application. Riblene BD 30 is basically used to produce flexible containers. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Riblene-BD-30-Low-Density-Polyethylene-Blow-Molding.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.925 g/cc	0.925 g/cc	ISO 1183
Melt Flow	0.40 g/10 min	0.40 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	18.0 MPa	2610 psi	ISO 527
Tensile Strength, Yield	12.5 MPa	1810 psi	ISO 527
Elongation at Break	550 %	550 %	ISO 527
Flexural Modulus	0.200 GPa	29.0 ksi	ISO 178

Thermal Properties	Metric	English	Comments
Melting Point	115 °C	239 °F	Internal method
Vicat Softening Point	100 °C	212 °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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