

Polimeri Europa Eraclene® BB 76 High Density Polyethylene - Blow Molding

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Blow Molding Grade

Material Notes:

Eraclene BB 76 is a high density polyethylene resin (HDPE) with antioxidants, suitable for blow molding application. It is especially recommended for the production of containers up to 30 liters. Eraclene BB 76 combines an excellent stress cracking resistance with a good rigidity and a high impact strength. For its overall characteristics, Eraclene BB 76 can be used to produce containers able to achieve UN homologation. Main Applications: Eraclene BB 76 is the ideal resin for packaging of household and industrial chemicals, detergents, fertilizers, adhesives and pesticides. Eraclene BB 76 can also be extruded to obtain profiles and sheets. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Eraclene-BB-76-High-Density-Polyethylene-Blow-Molding.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.952 g/cc	0.952 g/cc	ISO 1183
Environmental Stress Crack Resistance	>= 750 hour	>= 750 hour	ISO 22088
Melt Flow	0.40 g/10 min	0.40 g/10 min	ISO 1133
	@Load 5.00 kg, Temperature 190 °C	@Load 11.0 lb, Temperature 374 °F	
	10 g/10 min	10 g/10 min	ISO 1133
	@Load 21.6 kg, Temperature 190 °C	@Load 47.6 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	ISO 868/A
Tensile Strength at Break	30.0 MPa	4350 psi	ISO 527
Tensile Strength, Yield	27.0 MPa	3920 psi	ISO 527
Elongation at Break	>= 600 %	>= 600 %	ISO 527
Flexural Modulus	1.20 GPa	174 ksi	ISO 178
Izod Impact, Notched	2.50 J/cm	4.68 ft-lb/in	ISO 180/A

Thermal Properties	Metric	English	Comments
Melting Point	134 °C	273 °F	Internal method
Vicat Softening Point	126 °C	259 °F	ISO 306/A
	@Load 1.00 kg	@Load 2.20 lb	

Thermal Properties **ture**

Metric **0 °C**

English **1 °F**

Comments

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