

ExxonMobil HD 6733.17 Injection Molding Resin

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Injection Molded

Material Notes:

Product Description: HD 6733 is a narrow molecular weight hexane copolymer designed to maximize injection molding speed and productivity in thin wall articles. Lower processing temperatures enable production of products free of taste and odor for food and beverage packaging. **Availability:** Latin America, North America and South America **Additive:** Antioxidant: Yes **Applications:** Food Packaging Containers Food Service Trays Houseware Articles Housewares Toys **Information provided by ExxonMobil Chemical**

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-HD-673317-Injection-Molding-Resin.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in ³	ASTM D4883
Melt Flow	33 g/10 min @Load 2.16 kg, Temperature 190 °C	33 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	23.44 MPa	3400 psi	ASTM D638
Elongation at Break	20 %	20 %	ASTM D638
Flexural Modulus	0.9653 GPa	140.0 ksi	2% Secant; ASTM D790
Izod Impact, Notched	0.224 J/cm @Temperature -40.0 °C	0.420 ft-lb/in @Temperature -40.0 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	129 °C	264 °F	ASTM D3418
Deflection Temperature at 0.46 MPa (66 psi)	67.0 °C	153 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	38.0 °C	100 °F	ASTM D648

Descriptive Properties	Value	Comments
Features	Standard Processing Antioxidants Stabilizer	
Form	Pellet	

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