

ExxonMobil HDPE HD 6733.17 High Density Polyethylene Copolymer Resin

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE

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**

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-HDPE-HD-673317-High-Density-Polyethylene-Copolymer-Resin.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in ³	ExxonMobil method
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 at Break	0.138 MPa	20.0 psi	ASTM D638
Tensile Strength, Yield	23.4 MPa	3400 psi	ASTM D638
Flexural Modulus	0.965 GPa	140 ksi	2% Secant; ASTM D790B
Flexural Modulus, 1% Secant	1170 MPa	170000 psi	ASTM D790B
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	<= 265 °C	<= 509 °F	Peak Melting Point; ExxonMobil method
Deflection Temperature at 0.46 MPa (66 psi)	71.7 °C	161 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	43.3 °C	110 °F	ASTM D648B

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China