

ExxonMobil HD 6719.17 Injection Molding Resin

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

Material Notes:

Product Description: HD 6719 is a narrow molecular weight hexane copolymer designed for a wide range of injection molding applications, combining easy processability with good toughness properties. Ideally suited for articles requiring low warpage, glossy surfaces and cold temperature impact resistance. **Availability:** Latin America, North America and South America **Additive:** Antioxidant: Yes **Applications:** Food Packaging Containers Houseware Articles Lawn & Garden Accessories Soda Carrier Totes Toys Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-HD-671917-Injection-Molding-Resin.php

Physical Properties	Metric	English	Comments
Density	0.952 g/cc	0.0344 lb/in ³	ASTM D4883
Melt Flow	19 g/10 min @Load 2.16 kg, Temperature 190 °C	19 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.5 MPa	3700 psi	ASTM D638
Elongation at Break	270 %	270 %	ASTM D638
Flexural Modulus	1.10 GPa	160 ksi	2% Secant; ASTM D790
Flexural Modulus, 1% Secant	1240 MPa	180000 psi	ASTM D790
Izod Impact, Notched	0.326 J/cm @Temperature -40.0 °C	0.610 ft-lb/in @Temperature -40.0 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	131 °C	267 °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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