ExxonMobil HDPE HD 6601.29 High Density Polyethylene Copolymer Resin

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

Material Notes:

Product Description: HD 6601 is a narrow molecular weight hexane copolymer designed for a wide range of injection molding applications, offering excellent ESCR with good stiffness-toughness balance. Ideally suited for articles requiring rugged physical performance in cold temperature environments.Availability: Latin America, North America and South America Additive: Long Term UV-15 Stabilizer: YesApplications: Automotive ComponentsIndustrial ClosuresRecreation Vehicle – ComponentsWaste CartsInformation provided by ExxonMobil

Order this product through the following link:
http://www.lookpolymers.com/polymer_ExxonMobil-HDPE-HD-660129-High-Density-Polyethylene-Copolymer-Resin.php

Physical Properties	Metric	English	Comments
Density	0.948 g/cc	0.0342 lb/in³	ExxonMobil method
ESCR 10% Igepal®	10 hour	10 hour	F50; ASTM D1963B
Melt Flow	5.0 g/10 min @Load 2.16 kg, Temperature 190 °C	5.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	0.896 MPa	130 psi	ASTM D638
Tensile Strength, Yield	22.8 MPa	3300 psi	ASTM D638
Flexural Modulus, 1% Secant	758 MPa	110000 psi	ASTM D790B
Izod Impact, Notched	0.486 J/cm @Temperature -40.0 °C	0.910 ft-lb/in @Temperature -40.0 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	<= 266 °C	<= 511 °F	Peak Melting Point; ExxonMobil method
Deflection Temperature at 0.46 MPa (66 psi)	66.7 °C	152 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	42.2 °C	108 °F	ASTM D648B

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China