ExxonMobil HDPE HD P8760.29 High Density Polyethylene Resin

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

Material Notes:

Product Description: HD 8760 is a high density hexene copolymer designed to offer outstanding stiffness and processability. This resin is ideally suited for applications that require the optimum balance of stiffness, processability and surface appearance.Availability: Latin America, North America and South America Additive: Long Term UV-15 Stabilizer: YesApplications: Consumer ArticlesRV tanksInformation provided by ExxonMobil

Order this product through the following link:
http://www.lookpolymers.com/polymer_ExxonMobil-HDPE-HD-P876029-High-Density-Polyethylene-Resin.php

Physical Properties	Metric	English	Comments
Density	0.948 g/cc	0.0342 lb/in³	ASTM D4883
ESCR 100% Igepal®	10 hour	10 hour	F50; ASTM D1963A
ESCR 10% Igepal®	8.0 hour	8.0 hour	F50; ASTM D1963A
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, Yield	23.4 MPa	3400 psi	(2.0 in/min); ASTM D638
Elongation at Yield	20 %	20 %	(2.0 in/min); ASTM D638
Flexural Modulus, 1% Secant	1030 MPa	150000 psi	ASTM D790B
Impact Test	78.6 J @Thickness 3.17 mm, Temperature -40.0 °C	58.0 ft-lb @Thickness 0.125 in, Temperature -40.0 °F	ARM
	176 J @Thickness 6.35 mm, Temperature -56.7 °C	130 ft-lb @Thickness 0.250 in, Temperature -70.0 °F	ARM

Thermal Properties	Metric	English	Comments
Melting Point	<= 268 °C	<= 514 °F	Peak Melting Point; ExxonMobil method
Deflection Temperature at 0.46 MPa (66 psi)	73.9 °C	165 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	42.8 °C	109 °F	ASTM D648

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