

ExxonMobil HDPE BA53-055 High Density Polyethylene Resin

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

Material Notes:

Product Description: BA53-055 is a high molecular weight, high density polyethylene copolymer. Availability: Latin America, North America and South America Additive: Antistatic: No Applications: Drums Food packaging Heavy Gauge Sheet Large Part Blow Molding Thermoformed

Parts Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-HDPE-BA53-055-High-Density-Polyethylene-Resin.php

Physical Properties	Metric	English	Comments
Density	0.954 g/cc	0.0345 lb/in ³	ASTM D4883
ESCR 100% Igepal®	>= 1000 hour	>= 1000 hour	ASTM D1963
Melt Flow	<= 0.10 g/10 min	<= 0.10 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	
	5.5 g/10 min	5.5 g/10 min	ASTM D1238
	@Load 21.6 kg, Temperature 190 °C	@Load 47.6 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	28.3 MPa	4100 psi	ASTM D638
Elongation at Break	1400 %	1400 %	ASTM D638
Flexural Modulus	1.38 GPa	200 ksi	ASTM D790
Tensile Impact Strength	357 kJ/m ²	170 ft-lb/in ²	ASTM D1822

Thermal Properties	Metric	English	Comments
Vicat Softening Point	126 °C	259 °F	ASTM D1525
Brittleness Temperature	<= -85.0 °C	<= -121 °F	ASTM D746

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