

ExxonMobil HDPE AP60-007 High Density Polyethylene Resin

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

Material Notes:

Product Description: AP60-007 is a medium molecular weight distribution high density polyethylene homopolymer. It possesses excellent processing uniformity and produces bottles with excellent appearance and rigidity. AP60-007 offers the maximum in barrier properties available in high density polyethylene, and imparts minimum odor and taste to the packaged product. **Availability:** Latin America, North America and South America **Additive:** Thermal Stabilizer: Yes **Antistatic:** No **Applications:** Food packaging Liquid Food Containers for Milk, Water and Juices **Thermoformed Parts** Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-HDPE-AP60-007-High-Density-Polyethylene-Resin.php

Physical Properties	Metric	English	Comments
Density	0.963 g/cc	0.0348 lb/in ³	ASTM D4883
ESCR 100% Igepal®	10 hour	10 hour	ASTM D1963
Melt Flow	0.73 g/10 min @Load 2.16 kg, Temperature 190 °C	0.73 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	31.7 MPa	4600 psi	ASTM D638
Elongation at Break	350 %	350 %	ASTM D638
Flexural Modulus	1.72 GPa	250 ksi	ASTM D790
Tensile Impact Strength	126 kJ/m ²	60.0 ft-lb/in ²	ASTM D1822

Thermal Properties	Metric	English	Comments
Vicat Softening Point	127 °C	261 °F	ASTM D1525
Brittleness Temperature	<= -76.1 °C	<= -105 °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