

ExxonMobil Paxon™ AD60-005 Blow Molding Resin

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Blow Molding Grade

Material Notes:

Product Description: AD60-005 is a medium molecular weight distribution high-density polyethylene homopolymer. It possesses excellent processing uniformity and produces bottles with excellent appearance and rigidity. AD60-005 offers the maximum in barrier properties available in high-density polyethylene, and imparts very low odor and taste to the packaged product. **Availability:** Latin America, North America and South America **Additive:** Thermal Stabilizer: Yes **Applications:** Food packaging Liquid Food Containers for Milk, Water and Juices Thermoformed Parts Thin Gauge Sheet **Information provided by ExxonMobil Chemical**

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Paxon-AD60-005-Blow-Molding-Resin.php

Physical Properties	Metric	English	Comments
Density	0.963 g/cc	0.0348 lb/in³	ASTM D4883
ESCR 100% Igepal®	10 hour	10 hour	ASTM D1693 Condition B
Melt Flow	0.47 g/10 min @Load 2.16 kg, Temperature 190 °C	0.47 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	400 %	400 %	ASTM D638
Flexural Modulus	1.48 GPa	215 ksi	Method 1, Procedure A (1"x3"x0.125"), Tangent calculation; ASTM D790
Tensile Impact Strength	137 kJ/m²	65.0 ft-lb/in²	ASTM D1822

Thermal Properties	Metric	English	Comments
Vicat Softening Point	127 °C	260 °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

