

ExxonMobil Paxon™ AF50-003 Blow Molding Resin

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

Material Notes:

Product Description: AF50-003 is a blow molding high density polyethylene copolymer containing an antistatic additive. It offers very good balance of stress crack resistance, stiffness and impact strength. **Availability:** Latin America, North America and South America

Additive: Thermal Stabilizer: Yes **Antistatic:** Yes **Applications:** Food packaging Household and Industrial chemical containers Pharmaceutical Packaging Thermoformed Parts Thin Gauge Sheet Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Paxon-AF50-003-Blow-Molding-Resin.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in³	ASTM D4883
ESCR 100% Igepal®	70 hour	70 hour	ASTM D1693 Condition B
Melt Flow	0.33 g/10 min @Load 2.16 kg, Temperature 190 °C	0.33 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	26.9 MPa	3900 psi	ASTM D638
Elongation at Break	600 %	600 %	ASTM D638
Flexural Modulus	1.21 GPa	175 ksi	Method 1, Procedure A (1"x3"x0.125"), Tangent calculation; ASTM D790
Tensile Impact Strength	189 kJ/m²	90.0 ft-lb/in²	ASTM D1822

Thermal Properties	Metric	English	Comments
Vicat Softening Point	107 °C	225 °F	ASTM D1525
Brittleness Temperature	<= -76.1 °C	<= -105 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	191 °C	375 °F	

Descriptive Properties	Value	Comments
Features	Antistat and Thermal Stabilizer	

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