

ExxonMobil Paxon™ 4700 Blown Film Extrusion Resin (discontinued **)

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

Material Notes:

4700 is a medium molecular weight, high density polyethylene homopolymer film resin. It can be processed on conventional film extrusion equipment. Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Paxon-4700-Blown-Film-Extrusion-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.963 g/cc	0.0348 lb/in ³	ASTM D4883
Water Vapor Transmission	11.6 g/m ² /day	0.747 g/100 in ² /day	ASTM E969
Oxygen Transmission Rate	5580 cc/m ² /day	359 cc/100 in ² /day	ASTM D1434
Melt Flow	0.73 g/10 min	0.73 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	
	11 g/10 min	11 g/10 min	ASTM D1238
	@Load 10.0 kg, Temperature 190 °C	@Load 22.0 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	38.6 MPa	5600 psi	ASTM D882
Film Tensile Strength at Yield, TD	34.5 MPa	5000 psi	ASTM D882
Film Elongation at Break, MD	900 %	900 %	ASTM D882
Film Elongation at Yield, MD	9.0 %	9.0 %	ASTM D882
Elmendorf Tear Strength, MD	0.472 g/micron	12.0 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	9.84 g/micron	250 g/mil	ASTM D1922
Dart Drop Test	35.0 g	0.0772 lb	ASTM D1709
Film Tensile Strength at Break, MD	37.2 MPa	5400 psi	ASTM D882
Film Tensile Strength at Break, TD	30.3 MPa	4400 psi	ASTM D882
1% Secant Modulus, MD	1030 MPa	150000 psi	ASTM D882
1% Secant Modulus, TD	1140 MPa	165000 psi	ASTM D882

Descriptive Properties	Value	Comments
Features	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