

ExxonMobil Exceed™ 3527PA Metallocene Polyethylene Resin

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Product Description: Exceed 3527PA is a metallocene ethylene-hexene copolymer. Films made from Exceed 3527PA have high modulus and outstanding tensile, impact and puncture resistance properties. These superior properties together with excellent drawability make this a versatile polymer for mono layer and multi layer cast stretch film applications. **Availability:** Latin America, North America and South America **Additive:**Antiblock: NoSlip: NoProcessing Aid: Yes **Thermal Stabilizer:** Yes **Applications:** Artificial grassCast FilmCast Stretch FilmDiaper BacksheetHygiene FilmOverwrap FilmPersonal Care Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Exceed-3527PA-Metallocene-Polyethylene-Resin.php

Physical Properties	Metric	English	Comments
Density	0.927 g/cc	0.0335 lb/in³	ExxonMobil method
Melt Flow	3.5 g/10 min @Load 2.16 kg, Temperature 190 °C	3.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	10.3 MPa	1500 psi	ASTM D882
Film Tensile Strength at Yield, TD	9.65 MPa	1400 psi	ASTM D882
Film Elongation at Break, MD	530 %	530 %	ASTM D882
Film Elongation at Break, TD	750 %	750 %	ASTM D882
Puncture Energy	2.60 J	1.92 ft-lb	ExxonMobil Method
Elmendorf Tear Strength MD	70 g	70 g	ASTM D1922
Elmendorf Tear Strength TD	400 g	400 g	ASTM D1922
Dart Drop Test	60.0 g	0.132 lb	ASTM D1709
Film Tensile Strength at Break, MD	61.4 MPa	8900 psi	ASTM D882
Film Tensile Strength at Break, TD	40.7 MPa	5900 psi	ASTM D882
1% Secant Modulus, MD	186 MPa	27000 psi	ASTM D882
1% Secant Modulus, TD	207 MPa	30000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	<= 250 °C	<= 482 °F	Peak Melting Point; ExxonMobil

Thermal Properties	Metric	English	^{method} Comments
Optical Properties	Metric	English	Comments
Haze	2.8 %	2.8 %	ASTM D1003
Gloss	87 %	87 %	45°; ASTM D2457

Descriptive Properties	Value	Comments
Puncture Force	10 lbf	ExxonMobil Method

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