

ExxonMobil Exceed™ 3527PA Metallocene Polyethylene Resin (European Grade)

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Product Description: Exceed 3527PA is a metallocene ethylene-hexene copolymer. Films made of 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 film applications.
Availability: Africa & Middle East and Europe
Additive:Antiblock:
NoSlip: No Applications:Artificial grassCast FilmCast Stretch FilmDiaper Backsheet Hygiene 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-European-Grade.php

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

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	580 %	580 %	ASTM D882
Film Elongation at Break, TD	780 %	780 %	ASTM D882
Elmendorf Tear Strength MD	100 g	100 g	ASTM D1922
Elmendorf Tear Strength TD	360 g	360 g	ASTM D1922
Dart Drop Test	90.0 g	0.198 lb	ASTM D1709
Film Tensile Strength at Break, MD	68.9 MPa	10000 psi	ASTM D882
Film Tensile Strength at Break, TD	75.8 MPa	11000 psi	ASTM D882
1% Secant Modulus, MD	179 MPa	26000 psi	ASTM D882
1% Secant Modulus, TD	200 MPa	29000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	<= 350 °C	<= 662 °F	Peak Melting Point; ExxonMobil method

Optical Properties	Metric	English	Comments
Haze	2.4 %	2.4 %	ASTM D1003

Gloss	14 %	14 %	45°- ASTM D2457
Optical Properties	Metric	English	Comments
Descriptive Properties		Value	Comments
Puncture Force		14 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