

ExxonMobil LDPE LD 159AC Low Density Polyethylene Resin

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE

Material Notes:

Product Description: LD 159AC is an LDPE grade, which offers good draw down combined with good mechanical strength. Availability:

Africa & Middle East and Europe Additive: Antiblock: 450 ppmSlip: 500 ppmThermal Stabilizer: YesApplications: Blend PartnerCo-extrusion

FilmsCollation ShrinkFood packagingForm Fill and Seal PackagingFreezer FilmLamination FilmMedium Duty Shrink FilmProduce

BagsShoppersInformation provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-LDPE-LD-159AC-Low-Density-Polyethylene-Resin.php

Physical Properties	Metric	English	Comments
Density	0.924 g/cc	0.0334 lb/in ³	ExxonMobil method
Melt Flow	1.2 g/10 min @Load 2.16 kg, Temperature 190 °C	1.2 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Antiblock Level	450 ppm	450 ppm	
Slip Level	500 ppm	500 ppm	

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	340 %	340 %	ASTM D882
Film Elongation at Break, TD	550 %	550 %	ASTM D882
Elmendorf Tear Strength MD	290 g	290 g	ASTM D1922
Elmendorf Tear Strength TD	220 g	220 g	ASTM D1922
Dart Drop Test	140 g	0.309 lb	ASTM D1709A
Film Tensile Strength at Break, MD	20.7 MPa	3000 psi	ASTM D882
Film Tensile Strength at Break, TD	20.7 MPa	3000 psi	ASTM D882
1% Secant Modulus, MD	221 MPa	32000 psi	ASTM D882
1% Secant Modulus, TD	248 MPa	36000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	<= 228 °C	<= 442 °F	Peak Melting Point; ExxonMobil method

Optical Properties	Metric	English	Comments
--------------------	--------	---------	----------

Optical Properties	Metric	English	Comments ¹³
Gloss	73 %	73 %	45°; ASTM D2457

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