ExxonMobil LD 071.LQ Blown Film Resin

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Film Grade

Material Notes:

L Product Description: LD 071 Series case wrap film resins combine good processability with excellent strength and good film optics for bundling applications requiring proper shrink performance, toughness, burn-through resistance and clarity. Availability: Latin America, North America and South America Additive: Antiblock: 4000 ppmSlip: NoThermal Stabilizer: NoApplications:Blend PartnerCo-Extrusion FilmsCollation ShrinkConstruction FilmForm Fill and Seal PackagingFreezer FilmLamination FilmMedium Duty Shrink FilmPallet Shrink Film Information provided by ExxonMobil Chemical

Order this product through the following link:
http://www.lookpolymers.com/polymer_ExxonMobil-LD-071LQ-Blown-Film-Resin.php

Physical Properties	Metric	English	Comments
Density	0.924 g/cc	0.0334 lb/in³	ExxonMobil Method
Thickness	50.8 microns	2.00 mil	
Melt Flow	0.70 g/10 min @Load 2.16 kg, Temperature 190 °C	0.70 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Antiblock Level	4000 ppm	4000 ppm	

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	11.0 MPa	1600 psi	ASTM D882
Film Tensile Strength at Yield, TD	11.8 MPa	1710 psi	ASTM D882
Film Elongation at Break, MD	130 %	130 %	ASTM D882
Film Elongation at Break, TD	540 %	540 %	ASTM D882
Puncture Energy	0.859 J	0.633 ft-lb	ExxonMobil Method
Elmendorf Tear Strength MD	510 g	510 g	ASTM D1922
Elmendorf Tear Strength TD	140 g	140 g	ASTM D1922
Dart Drop Test	160 g	0.353 lb	ASTM D1709
Film Tensile Strength at Break, MD	25.5 MPa	3700 psi	ASTM D882
Film Tensile Strength at Break, TD	22.1 MPa	3200 psi	ASTM D882
1% Secant Modulus, MD	234 MPa	34000 psi	ASTM D882
1% Secant Modulus, TD	290 MPa	42000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	112 °C	234 °F	Peak Melting Temperature; ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	9.6 %	9.6 %	ASTM D1003
Gloss	57 %	57 %	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