

ExxonMobil Escorene® LL-1108 LLDPE Film/Sandwich Bag Resin, 0.6 mil film (discontinued **)

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

Material Notes:

Data provided by the manufacturer, Exxon Chemical. An LLDPE blown film resin formulated with high slip, medium antiblock and processing aid for narrow die gap extrusion. Films made from LL-1108 have very good tensile properties and toughness. Applications: Liners; Packaging film; Sandwich bags; Food storage bags; Overwrap. Data for film properties below based on 0.6 mil film.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LL-1108-LLDPE-FilmSandwich-Bag-Resin-06-mil-film-nbspdiscontinued.php

Physical Properties	Metric	English	Comments
Density	0.925 g/cc	0.0334 lb/in ³	Exxon Method
Thickness	15.2 microns	0.600 mil	
Melt Flow	0.80 g/10 min	0.80 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	13.0 MPa	1890 psi	ASTM D882
Film Tensile Strength at Yield, TD	14.3 MPa	2070 psi	ASTM D882
Film Elongation at Break, MD	470 %	470 %	ASTM D882
Film Elongation at Break, TD	680 %	680 %	ASTM D882
Secant Modulus, MD	0.304 GPa	44.1 ksi	ASTM D882
Secant Modulus, TD	0.314 GPa	45.5 ksi	ASTM D882
Elmendorf Tear Strength MD	38 g	38 g	ASTM D1922
Elmendorf Tear Strength TD	440 g	440 g	ASTM D1922
Elmendorf Tear Strength, MD	2.48 g/micron	63.0 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	28.9 g/micron	733 g/mil	ASTM D1922
Dart Drop	4.06 g/micron	103 g/mil	F50; ASTM D1709
Dart Drop Test	62.0 g	0.137 lb	F50; ASTM D-1709
Film Tensile Strength at Break, MD	57.5 MPa	8340 psi	ASTM D882
Film Tensile Strength at Break, TD	36.4 MPa	5280 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	124 °C	255 °F	Exxon Method

Optical Properties	Metric	English	Comments
Haze	28 %	28 %	ASTM D1003
Gloss	26 %	26 %	45°, ASTM D-2457

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