

DuPont™ Sclairfilm® MPP-3 LLDPE Film, "Super Strength", 25 µm Thickness (discontinued **)

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

Material Notes:

Data provided by DuPont Packaging Polymers. An oriented linear low density polyethylene (LLDPE) sealant film that combines exceptional strength and flex-crack characteristics with the outstanding heat seal and hot tack properties of Sclairfilm®. Because of its truly exceptional puncture, impact, and tear strength characteristics, and its outstanding flex-crack resistance, Sclairfilm® MPP sealant film allows up to 50% downgauging of the sealant layer in a wide variety of packaging applications.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Sclairfilm-MPP-3-LLDPE-Film-Super-Strength-25-m-Thickness-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.918 g/cc	0.0332 lb/in ³	
Moisture Vapor Transmission	0.240 cc-mm/m ² -24hr-atm	0.610 cc-mil/100 in ² -24hr-atm	ASTM E96 Procedure E
Water Vapor Transmission	9.40 g/m ² /day	0.605 g/100 in ² /day	ASTM E96 Procedure E

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	80 %	80 %	ASTM D882
Film Elongation at Break, TD	800 %	800 %	ASTM D882
Tensile Modulus	0.0200 GPa	2.90 ksi	ASTM D882
Elmendorf Tear Strength MD	200 g	200 g	ASTM D1004
Elmendorf Tear Strength TD	>= 800 g	>= 800 g	ASTM D1004
Dart Drop Test	200 g	0.441 lb	
Film Tensile Strength at Break, MD	82.7 MPa	12000 psi	ASTM D882
Film Tensile Strength at Break, TD	38.0 MPa	5510 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	6.0 %	6.0 %	ASTM D1003
Gloss	90 %	90 %	20°; ASTM D2457

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