

DuPont™ Scclairfilm® LX-1 LLDPE Film, Laminating, 50.8 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. A linear low density polyethylene film with an outstanding combination of toughness and durability. LX has superior tensile strength, puncture strength, elongation and heat seal strength compared to other sealant films. LX is a high performance film ideal for lamination to other materials, such as nylon or polyester films. In converter combinations, LX is particularly suited for the vacuum packaging of processed meats, cheese, coffee, and frozen foods.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Scclairfilm-LX-1-LLDPE-Film-Laminating-508-m-Thickness-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.918 g/cc	0.0332 lb/in ³	
Moisture Vapor Transmission	0.470 cc-mm/m ² -24hr-atm	1.19 cc-mil/100 in ² -24hr-atm	ASTM E96 Procedure E
Water Vapor Transmission	9.30 g/m ² /day	0.599 g/100 in ² /day	ASTM E96 Procedure E
Oxygen Transmission	193 cc-mm/m ² -24hr-atm	490 cc-mil/100 in ² -24hr-atm	or 3800 cc/m ² -24hr-atm for the film. ASTM D3985

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	600 %	600 %	ASTM D882
Tensile Modulus	0.170 GPa	24.7 ksi	ASTM D882
Dart Drop Test	175 g	0.386 lb	
Seal Strength	2000 g/25 mm	2000 g/in	Sentinel Sealer Test
Film Tensile Strength at Break, MD	41.0 MPa	5950 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	9.0 %	9.0 %	ASTM D1003
Gloss	90 %	90 %	20°; ASTM D2457

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