

DuPont™ Sclairfilm® SL-1 LLDPE Film, Laminating, 38.1 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.SL is a linear low density polyolefin film which offers a combination of toughness and durability plus outstanding clarity. These have superior tensile strength, puncture strength, elongation and heat seal strength compared to conventional films. Ideal for lamination to other substrates such as Dartek® nylon film or Mylar® polyester film for vacuum packaging applications. SL, in converter combinations, is particularly suited for the vacuum packaging of processed meats.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Sclairfilm-SL-1-LLDPE-Film-Laminating-381-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	12.4 g/m ² /day	0.799 g/100 in ² /day	ASTM E96 Procedure E
Oxygen Transmission	236 cc-mm/m ² -24hr-atm	599 cc-mil/100 in ² -24hr-atm	or 6200 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	100 g	0.221 lb	
Seal Strength	>= 1800 g/25 mm	>= 1800 g/in	Sentinel Sealer Test
Film Tensile Strength at Break, MD	34.0 MPa	4930 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	8.0 %	8.0 %	ASTM D1003
Gloss	100 %	100 %	20°; ASTM D2457

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