

**DuPont™ Sclairfilm® LWS-1 LMDPE Film, Laminating, 50.8 μm Thickness (discontinued \*\*)**

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , MDPE , Linear Medium Density Polyethylene (LMDPE), Film

**Material Notes:**

Data provided by DuPont Packaging Polymers.LWS is a linear medium density polyolefin film produced from Sclair® copolymer resin and designed primarily for laminating end uses. It is treated on one side for both ink and adhesive bonding properties. For laminating to other substrates such as Dartek nylon film or Mylar polyester film for heat-in-bag or boil-in-bag applications.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Sclairfilm-LWS-1-LMDPE-Film-Laminating-508-m-Thickness-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_DuPont-Sclairfilm-LWS-1-LMDPE-Film-Laminating-508-m-Thickness-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.929 g/cc	0.0336 lb/in <sup>3</sup>	
Moisture Vapor Transmission	0.260 cc-mm/m <sup>2</sup> -24hr-atm	0.660 cc-mil/100 in <sup>2</sup> -24hr-atm	ASTM E96 Procedure E
Water Vapor Transmission	5.10 g/m <sup>2</sup> /day	0.328 g/100 in <sup>2</sup> /day	ASTM E96 Procedure E
Oxygen Transmission	132 cc-mm/m <sup>2</sup> -24hr-atm	335 cc-mil/100 in <sup>2</sup> -24hr-atm	or 2600 cc/m <sup>2</sup> -24hr-atm for the film. ASTM D3985

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	500 %	500 %	ASTM D882
Tensile Modulus	0.370 GPa	53.7 ksi	ASTM D882
Dart Drop Test	100 g	0.221 lb	
Seal Strength	>= 1400 g/25 mm	>= 1400 g/in	Sentinel Sealer Test
Film Tensile Strength at Break, MD	38.0 MPa	5510 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	7.0 %	7.0 %	ASTM D1003
Gloss	85 %	85 %	20°; 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