

**DuPont™ Sclairfilm® GL-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 general purpose linear low density polyethylene sealant film designed for less critical sealing applications than type SL. It provides good heat seal and hot tack characteristics along with good physical strength and opticals.

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in <sup>3</sup>	
Moisture Vapor Transmission	0.470 cc-mm/m <sup>2</sup> -24hr-atm	1.19 cc-mil/100 in <sup>2</sup> -24hr-atm	ASTM E96 Procedure E
Water Vapor Transmission	9.30 g/m <sup>2</sup> /day	0.599 g/100 in <sup>2</sup> /day	ASTM E96 Procedure E
Oxygen Transmission	198 cc-mm/m <sup>2</sup> -24hr-atm	503 cc-mil/100 in <sup>2</sup> -24hr-atm	or 3900 cc/m <sup>2</sup> -24hr-atm for the film. ASTM D3985

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	600 %	600 %	ASTM D882
Tensile Modulus	0.190 GPa	27.6 ksi	ASTM D882
Dart Drop Test	120 g	0.265 lb	
Film Tensile Strength at Break, MD	32.0 MPa	4640 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	10 %	10 %	ASTM D1003
Gloss	80 %	80 %	20°; ASTM D2457

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