

## DuPont™ Clysar® LLP Polyolefin Shrink Packaging Film, 150 Gauge (discontinued \*\*)

Category : Polymer , Film , Thermoplastic , Polyolefin , Polyolefin, Film Grade , Polyolefin, Film Grade (Polyolefin)

### Material Notes:

Data provided by DuPont Packaging Polymers. A strong, clear, biaxially oriented, nonirradiated, heat-shrinkable, linear low-density polyolefin film. LLPS is the silicon treated, hot slip version of LLP. Used where excellent optics and a tough, durable wrap are required. Ideal for low profile, long products. Strong seals and excellent shrinkage are obtained with all gauges. This is the fastest sealing linear low-density shrink film.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Clysar-LLP-Polyolefin-Shrink-Packaging-Film-150-Gauge-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_DuPont-Clysar-LLP-Polyolefin-Shrink-Packaging-Film-150-Gauge-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Moisture Vapor Transmission	1.10 cc-mm/m <sup>2</sup> -24hr-atm	2.79 cc-mil/100 in <sup>2</sup> -24hr-atm	ASTM 1249
Water Vapor Transmission	29.0 g/m <sup>2</sup> /day	1.87 g/100 in <sup>2</sup> /day	ASTM 1249
Oxygen Transmission	179 cc-mm/m <sup>2</sup> -24hr-atm	455 cc-mil/100 in <sup>2</sup> -24hr-atm	or 4700 cc/m <sup>2</sup> -24hr-atm for the film. ASTM D3985

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	170 %	170 %	Average; ASTM D882
Modulus of Elasticity	0.410 GPa	59.5 ksi	(stiffness), ASTM D882
Impact Test	1.90 J	1.40 ft-lb	Spencer Impact ASTM D3420
Coefficient of Friction, Dynamic	0.15	0.15	ASTM D1894
Elmendorf Tear Strength MD	60 g	60 g	Orientation not specified; ASTM D1922
Film Tensile Strength at Break, MD	103 MPa	14900 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	2.0 %	2.0 %	
Gloss	130 %	130 %	

## Contact Songhan Plastic Technology Co.,Ltd.

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