

**DuPont™ Clysar® EZ Polyolefin Shrink Packaging Film, 50 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, heat-shrinkable, multilayer film. Clysar® EZS is a high slip version of EZ. Used where a premium product appearance is required. Excellent optics, clean shrink appearance, and strong, durable seals are obtained on shadow boxes, irregular shapes, and general purpose overwrapping under a wide range of operating conditions.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Clysar-EZ-Polyolefin-Shrink-Packaging-Film-50-Gauge-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_DuPont-Clysar-EZ-Polyolefin-Shrink-Packaging-Film-50-Gauge-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Moisture Vapor Transmission	0.630 cc-mm/m <sup>2</sup> -24hr-atm	1.60 cc-mil/100 in <sup>2</sup> -24hr-atm	ASTM 1249
Water Vapor Transmission	25.0 g/m <sup>2</sup> /day	1.61 g/100 in <sup>2</sup> /day	ASTM 1249
Oxygen Transmission	160 cc-mm/m <sup>2</sup> -24hr-atm	406 cc-mil/100 in <sup>2</sup> -24hr-atm	or 6400 cc/m <sup>2</sup> -24hr-atm for the film. ASTM D3985

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	125 %	125 %	Average; ASTM D882
Modulus of Elasticity	0.440 GPa	63.8 ksi	(stiffness), ASTM D882
Coefficient of Friction, Dynamic	0.30	0.30	ASTM D1894
Elmendorf Tear Strength MD	24 g	24 g	Orientation not specified; ASTM D1922
Seal Strength	2300 g/25 mm	2300 g/in	F-88-68(73)
Film Tensile Strength at Break, MD	69.0 MPa	10000 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	2.1 %	2.1 %	
Gloss	145 %	145 %	

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