

DuPont™ Clysar® HP 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, heat-shrinkable, linear low-density polyolefin film. Cross-linking produces a film that is extremely rugged and durable and provides strong seals and good shrinkage under a wide range of operating conditions. Used when outstanding optics and a tough, durable wrap are required. Strong seals and excellent shrinkage are obtained with all gauges under a wide range of operating conditions.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Clysar-HP-Polyolefin-Shrink-Packaging-Film-150-Gauge-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Moisture Vapor Transmission	1.10 cc-mm/m ² -24hr-atm	2.79 cc-mil/100 in ² -24hr-atm	ASTM 1249
Water Vapor Transmission	29.0 g/m ² /day	1.87 g/100 in ² /day	ASTM 1249
Oxygen Transmission	179 cc-mm/m ² -24hr-atm	455 cc-mil/100 in ² -24hr-atm	or 4700 cc/m ² -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 %	

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