

DuPont™ Clysar® VHP 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. DuPont Clysar® VHP is a thin gauge, clear, biaxially oriented, heat shrinkable polyolefin film. It provides strong seals and excellent optics under a wide range of operating conditions. DuPont Clysar® VHP is designed for the packaging of lightweight, low-abuse products. It combines excellent optics and seal strength with the economics of high yield, reduced changeover and downtime, and greater use of storage space.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Clysar-VHP-Polyolefin-Shrink-Packaging-Film-50-Gauge-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Moisture Vapor Transmission	0.440 cc-mm/m ² -24hr-atm	1.12 cc-mil/100 in ² -24hr-atm	ASTM 1249
Oxygen Transmission	236 cc-mm/m ² -24hr-atm	599 cc-mil/100 in ² -24hr-atm	or 14100 cc/m ² -24hr-atm for the 50 gauge film. ASTM D3985

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	115 %	115 %	Average; ASTM D882
Secant Modulus	0.410 GPa	59.5 ksi	Stiffness Modulus; ASTM D882
Impact Test	1.13 J	0.833 ft-lb	Spencer Impact ASTM D3420
Coefficient of Friction, Dynamic	0.30	0.30	ASTM D1894
Elmendorf Tear Strength MD	15 g	15 g	Orientation not specified; ASTM D1922
Film Tensile Strength at Break, MD	103 MPa	14900 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	15 %	15 %	ASTM D1003
Gloss	145 %	145 %	at 20°; ASTM D2457

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