

DuPont Teijin Films Mylar® 75 OL Polyester Film, 75 Gauge

Category : Polymer , Film , Thermoplastic , Polyester, TP , Polyester Film

Material Notes:

Data provided by DuPont Packaging Polymers. An exceptionally strong polyester film designed to package foods. The film is suitable for heating food products in microwave or conventional ovens. Can be used to package, distribute, and heat foods up to 204°C (400°F).

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Mylar-75-OL-Polyester-Film-75-Gauge.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	Average value for Mylar® films.
Moisture Vapor Transmission	0.600 cc-mm/m ² -24hr-atm	1.52 cc-mil/100 in ² -24hr-atm	ASTM 1249
Water Vapor Transmission	30.0 g/m ² /day	1.93 g/100 in ² /day	ASTM 1249
Oxygen Transmission	2.10 cc-mm/m ² -24hr-atm	5.33 cc-mil/100 in ² -24hr-atm	or 110 cc/m ² -24hr-atm for the film. ASTM D3985

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	130 %	130 %	ASTM D882
Film Elongation at Break, TD	100 %	100 %	ASTM D882
Modulus of Elasticity	3.79 GPa	550 ksi	(stiffness), ASTM D882
Tear Strength Test	400	400	Graves, g; ASTM D1004
Seal Strength	247 g/25 mm	247 g/in	
Film Tensile Strength at Break, MD	200 MPa	29000 psi	ASTM D882
Film Tensile Strength at Break, TD	242 MPa	35100 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	399 °F	Foods can be heated or cooked up to this temperature.

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