

DuPont Teijin Films Mylar® 50 OL Polyester Film, Ovenable Lidding, Heat Sealable, 50 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-50-OL-Polyester-Film-Ovenable-Lidding-Heat-Sealable-50-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 E96 Procedure E
Water Vapor Transmission	43.0 g/m ² /day	2.77 g/100 in ² /day	ASTM E96 Procedure E
Oxygen Transmission	1.80 cc-mm/m ² -24hr-atm	4.57 cc-mil/100 in ² -24hr-atm	or 140 cc/m ² -24hr-atm for the film. ASTM D3985

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	110 %	110 %	ASTM D882
Film Elongation at Break, TD	80 %	80 %	ASTM D882
Modulus of Elasticity	3.79 GPa	550 ksi	(stiffness), ASTM D882
Tear Strength Test	300	300	Graves, g; ASTM D1004
Seal Strength	247 g/25 mm	247 g/in	
Film Tensile Strength at Break, MD	186 MPa	27000 psi	ASTM D882
Film Tensile Strength at Break, TD	234 MPa	33900 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.

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China