

DuPont Teijin Films Mylar® OB01 Polyester Packaging Film, 50 Gauge

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

Material Notes:

Data provided by DuPont Packaging Polymers. Mylar® OB01 (formerly known as XM924) is a biaxially oriented polyester (OPET) film with an amorphous polyester heat seal layer and a polyvinylidene chloride (PVDC) layer on the opposite side of the film from the seal layer.

Mylar® OB01 is essentially Mylar® OL with a barrier layer. It is used as a heat sealable lidding film in packaging frozen and refrigerated foods. Mylar® OB01 is commercially available in nominal 50 (14µm) and 100 (25µm) gauges. Mylar® OB01 is dual ovenable film which provides good, generally peelable seals to polar substrates such as amorphous polyester (APET, also PETG), semicrystalline polyester (CPET), polyester coated paperboard, and polyvinylchloride (PVC). Mylar® OB01 does not seal to polyethylene, polypropylene, or polystyrene. DuPont Teijin Films offers another family of lidding films (RB types) for sealing to these substrates.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Mylar-OB01-Polyester-Packaging-Film-50-Gauge.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	Calculated from nominal thickness and yield
Moisture Vapor Transmission	0.130 cc-mm/m ² -24hr-atm	0.330 cc-mil/100 in ² -24hr-atm	Proc. E; ASTM E96
Oxygen Transmission	0.130 cc-mm/m ² -24hr-atm	0.330 cc-mil/100 in ² -24hr-atm	Tested per ASTM D3985 at 22°C

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	110 %	110 %	ASTM D882
Film Elongation at Break, TD	80 %	80 %	ASTM D882
Secant Modulus	3.79 GPa	550 ksi	Stiffness Modulus; ASTM D882
Tear Strength Test	0.70	0.70	lb Graves; ASTM D1004
Film Tensile Strength at Break, MD	172 MPa	24900 psi	ASTM D882
Film Tensile Strength at Break, TD	241 MPa	35000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	399 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

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