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MYLAR® OLAP

Product Description

Mylar® OLAP is a biaxially oriented polyester (OPET) film with an amorphous polyester heat seal layer. Mylar® OLAP is typically used in lidding for food packaging. Mylar® OLAP possesses anti-fogging capability to provide better clarity when stored and displayed in refrigerated conditions. The film is typically provided with the sealant side wound toward the core. The opposite side has been chemically pretreated for printing and lamination adhesion. Mylar® OLAP is available in nominal 50 and 100 gauge.



Mylar® OLAP is dual ovenable film which provides peelable seals to polar substrates such as amorphous polyester (APET, also PETG), semicrystalline polyester (CPET), polyester coated paperboard, and polyvinylchloride (PVC). Heat seals with Mylar® OLAP are designed to be self venting during the cooking process. Mylar® OLAP does not seal to polyethylene, polypropylene, or polystyrene. DuPont Teijin Films offers another family of lidding films (RL types) for sealing to these substrates. Mylar® OLAP can withstand freezing temperatures down to -40°F, and foods can be heated or cooked in contact with this film at temperatures up to 400°F.

Disposal

Disposal of Mylar®OLAP does not present special problems. It can be buried as a relatively inert material in a landfill or burned in an incinerator with normal refuse. The incinerator should have sufficient draft to exhaust all combustion products through the stack to avoid exposure to irritating fumes. The disposal method should comply with local, state and federal regulations.

Typical Properties

Available Thickness [Gauge]
50; 100

Property	Thickness	Value	Units	Test
BARRIER				
Gas Permeability - O ₂ , 24 hr	100	5	cc/100 in ²	ASTM D3985 22°C/75% RH/1 ATM
Gas Permeability - O ₂ , 24 hr	50	9	cc/100 in ²	ASTM D3985 22°C/75% RH/1 ATM
WVTR	100	1.3	g/100in ² /day	ASTM F1249 38°C, 90% RH
WVTR	50	2.8	g/100in ² /day	ASTM F1249 38°C, 90% RH
PHYSICAL				
Elongation at Break MD	50 - 100	110	%	ASTM D822A
Elongation at Break TD	50 - 100	80	%	ASTM D822A
Modulus	50 - 100	550	kpsi	ASTM D822
Tear (Graves)	100	1.1	lb	ASTM D1004
Tear (Graves)	50	0.7	lb	ASTM D1004
Tensile Strength MD (break)	50 - 100	25	kpsi	ASTM D882A
Tensile Strength TD (break)	50 - 100	35	kpsi	ASTM D882A
Unit Weight	100	22.0	lb/ream	ASTM E252 (0.5 m ²)

Unit Weight	50	12.5	lb/ream	ASTM E252
Yield (nominal)	100	19,700	in ² /lb	
Yield (nominal)	50	34,700	in ² /lb	

Contact Info

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Disclaimer

Note: These values are typical performance data for DuPont Teijin Films' polyester film; they are not intended to be used as design data. We believe this information is the best currently available on the subject. It is offered as a possible helpful suggestion in experimentation you may care to undertake along these lines. It is subject to revision as additional knowledge and experience is gained. DuPont Teijin Films makes no guarantee of results and assumes no obligation or liability whatsoever in connection with this information. This publication is not a license to operate under, or intended to suggest infringement of, any existing patents.

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