



DuPont Teijin Films™

MYLAR® LBT2

Product Description

Mylar® LBT2 is an uncoated, transparent, exceptionally strong film used as a substrate for laminating and extrusion coating and as a component of packaging structures requiring strength, high temperature performance and good machinability. It is corona treated on both sides for improved bonding of inks and adhesives. Mylar® LBT2 is commercially available in nominal 48 gauge.

General Product Info

Mylar® LBT2 can be readily printed with appropriately formulated commercial inks. Consideration should be given in film handling and final package design to the increased susceptibility of the two contacting corona treated surfaces to blocking, particularly in the presence of moisture.

Typical Properties

Available Thickness [Gauge]
48

Property	Thickness	Value	Units	Test
BARRIER				
Gas Permeability - O ₂ , 24 hr	48	9	cc/100 in ²	ASTM D3985 22°C/75% RH/1 ATM
WVTR	48	2.8	g/100 in ² /day	ASTM F1249 38°C, 90% RH
OPTICAL				
Clarity	48	75	%	D1746-70
Haze	48	5.0	%	ASTM D1003
PHYSICAL				
Elongation at Break MD	48	110	%	ASTM D1003
Elongation at Break TD	48	80	%	ASTM D882A
Modulus	48	500,000	psi	ASTM D822A
Tear (Graves)	48	0.7	lb	ASTM D1004
Tensile Strength MD (break)	48	27,000	psi	ASTM D882A
Tensile Strength TD (break)	48	35,000	psi	ASTM D882A
Unit Weight	48	10.4	lb/ream	ASTM E252 (0.5 m ²)
Yield (nominal)	48	41,600	in ² /lb	
THERMAL				
Shrinkage MD (150°C)	48	2.2	%	Unrestrained @ 150°C/30 min
Shrinkage TD (150°C)	48	1.3	%	Unrestrained @ 150°C/30 min

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.

CAUTION: Do not use in medical applications involving permanent implantation in the human body (DuPont Teijin

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