



DuPont Teijin Films™

MYLAR® ABOX

Product Description

MYLAR® ABOX film is a tough, general purpose film that is translucent. It has a rough surface to provide ease of handling, good adhesion, and processability. It is used for a broad range of industrial applications.

General Product Info

MYLAR® ABOX film has balanced tensile properties and excellent resistance to moisture and most chemicals.

Typical Applications

MYLAR® ABOX film is used extensively in a wide variety of markets but specifically the corrugated box market.

Typical Properties

Available Thickness [Gauge]
142; 200; 300

Property	Thickness	Value	Units	Test
OPTICAL				
Haze	142	25	%	ASTM D1003
Haze	200	30	%	ASTM D1003
Haze	300	35	%	ASTM D1003
PHYSICAL				
Elongation at Break MD	142 - 300	135	%	ASTM D882A
Elongation at Break TD	142 - 300	100	%	ASTM D882A
Modulus	142 - 300	500	kpsi	ASTM D822
Tensile Strength MD	142 - 300	28	kpsi	ASTM D882A
Tensile Strength TD	142 - 300	28	kpsi	ASTM D882A
Yield (nominal)	142	13,970	in ² /lb	
Yield (nominal)	200	9,900	in ² /lb	
Yield (nominal)	300	6,600	in ² /lb	
THERMAL				
Shrinkage MD (150°C)	142 - 300	3.0	%	Unrestrained @ 190C/5 min
Shrinkage TD (150°C)	142 - 300	2.0	%	Unrestrained @ 190C/5 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](#))

[Films Medical Policy](#)). For other medical applications, see the [Medical Caution Statement](#). DuPont Teijin Films accepts no liability for use of its products in medical applications not reviewed and approved by DuPont Teijin Films or for product misuse. DuPont Teijin Films supplies products to an agreed specification and does not manufacture products designed specifically for medical end use.

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