



DuPont Teijin Films™

MYLAR® DS

Product Description

MYLAR® DS is a super clear, biaxially oriented, polyester film with differential surface roughness on each side. Its unique composition, consisting of a smooth side opposite a rougher, filled side, allows for a high clarity product with superior handling characteristics. MYLAR® DS is suitable for a broad range of applications including highspeed metallization, lamination, and coating.

Mylar® DS1 is 1-side treated on the smooth side for adhesion promoting.

Mylar® DS1A is 1-side treated on the rough side for adhesion promoting

Mylar® DS2 is treated on both sides for adhesion promoting.



Typical Properties

Available Thickness [Gauge]
48; 92; 142; 200

Property	Thickness	Value	Units	Test
OPTICAL				
Haze	48	1.0	%	ASTM D1003
Haze	92-200	1.4	%	ASTM D1003
PHYSICAL				
C.O.F. (static) A-B	48-200	0.4		ASTM D1894-78
Elongation at Break MD	48-200	140	%	ASTM D882
Elongation at Break TD	48-200	100	%	ASTM D882
Tensile Strength MD (break)	48-200	28,000	psi	ASTM D882
Tensile Strength TD (break)	48-200	33,000	psi	ASTM D882
Yield (nominal)	48	41,333	sq in/lb	
Yield (nominal)	92	21,800	sq in/lb	
Yield (nominal)	142	13,970	sq in/lb	
Yield (nominal)	200	9,900	sq in/lb	
THERMAL				
Shrinkage MD (190°C)	48-200	2.5	%	unrestrained 5 Minutes at 190°C
Shrinkage TD (190°C)	48-200	1.0	%	unrestrained 5 Minutes at 190°C

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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