



DuPont Teijin Films™

MYLAR® ADS

Product Description

Mylar® ADS is a heat stabilized, low shrinkage film with good web handling properties.

Approvals

UL 94 VTM-2 - for 92 - 500 gauge (0.023 - 0.13mm)

Typical Properties

Available Thickness [Gauge]
200; 285; 300; 400; 500

Property	Thickness	Value	Units	Test
ELECTRICAL				
Dielectric Strength	400	13.5	kV	ASTM D149 1/4" electrode 500 V/sec 25°C in air
OPTICAL				
Haze	200	29	%	ASTM D1003
Haze	300	36	%	ASTM D1003
Haze	400	43	%	ASTM D1003
Haze	500	46	%	ASTM D1003
Total Light Transmission (TLT)	300	90.2	%	ASTM D1003
PHYSICAL				
Density	300	1.395	g/cc	ASTM D1505
Elongation at Break MD	400	160	%	ASTM D882A
Elongation at Break TD	400	140	%	ASTM D882A
Surface Roughness	300	0.008	microns	DuPont (Ra) 0.80 mm assessment
Tensile Modulus MD	300	492,000	psi	ASTM D882A
Tensile Modulus TD	300	610,000	psi	ASTM D882A
Tensile Strength MD	300	27,700	psi	ASTM D882A
Tensile Strength MD	400	25,100	psi	ASTM D882A
Tensile Strength MD 5%	300	13,900	psi	ASTM D882A
Tensile Strength TD	300	32,600	psi	ASTM D882A
Tensile Strength TD	400	27,300	psi	ASTM D882A
THERMAL				
Coefficient of Hygroscopic Expansion	300	7X10 ⁶	per % RH	40% - 80% RH
Shrinkage MD (150°C)	400	0.5	%	Unrestrained @ 150°C/30 min
Shrinkage MD (190°C)	300	2.5	%	Unrestrained @ 190°C/5 min
Shrinkage TD (150°C)	400	0.2	%	Unrestrained @ 150°C/30 min
Shrinkage TD (190°C)	300	1.0	%	Unrestrained @ 190°C/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.

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