



DuPont Teijin Films™

MELINEX® 6428

Product Description

Melinex® 6428 is a high clarity polyester film. It is pretreated on both film surfaces to promote adhesion to EVA. Melinex® 6428 is a developmental film designed for the photovoltaics industry.

Typical Properties

Available Thickness [Gauge]
200; 650

Property	Thickness	Value	Units	Test
BARRIER				
WVTR	200	0.9	g/100 in ² /day	ASTM F1249 38°C, 90% RH
ELECTRICAL				
Dielectric Strength	200	10	kV	ASTM D149 1/4" electrode 500 V/sec 25°C in air
OPTICAL				
Total Light Transmission (TLT)	200	88.5	%	ASTM D1003
PHYSICAL				
Area Yield	200	70	ft ² /lb	
C.O.F. (dynamic) A-B	200	0.4		ASTM D1894
Density	200	1.395	g/cc	ASTM D1505
Elongation at Break MD	200	160	%	ASTM D882A
Elongation at Break TD	200	160	%	ASTM D882A
Tensile Strength MD	200	28,000	psi	ASTM D882A
Tensile Strength TD	200	36,000	psi	ASTM D882A
Yield Strength MD	200	14,000	psi	ASTM D882A
Yield Strength TD	200	14,000	psi	ASTM D882A
THERMAL				
Shrinkage MD (150°C)	200	0.6	%	150°C (302°F), 30 min
Shrinkage TD (150°C)	200	0.6	%	150°C (302°F), 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.

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