



DuPont Teijin Films™

MELINEX® 582

Product Description

Melinex® 582 is a high clarity polyester film which is two-side hydrophilic pretreated to promote adhesion to many industrial aqueous coating and inks.

Approvals

UL recognized - Product has been registered with Underwriters Laboratories

Typical Properties

Available Thickness [Gauge]
400; 650; 700

Property	Thickness	Value	Units	Test
OPTICAL				
Haze	400	1.4	%	ASTM D1003
Total Light Transmission (TLT)	400	89	%	ASTM D1003
PHYSICAL				
C.O.F. (static)		0.5		ASTM D1894
Elongation at Break MD		170	%	ASTM D882A
Elongation at Break TD		120	%	ASTM D882A
Tensile Strength MD		28,000	psi	ASTM D882A
Tensile Strength TD		35,000	psi	ASTM D882A
Yield Strength MD		14,500	psi	ASTM D882A
Yield Strength TD		14,500	psi	ASTM D882A
THERMAL				
Shrinkage MD (190°C)		2.5	%	Unrestrained @ 190°C/5 min
Shrinkage TD (190°C)		1.0	%	Unrestrained @ 190°C/5 min

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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