



DuPont Teijin Films™

MELINEX® 618

Product Description

Melinex® 618 is a super clear polyester film, pretreated on one side to promote adhesion.

General Product Info

A high clarity, non-yellow base with excellent adhesion on the pretreated surface.

Typical Applications

A very unique film with ultra high clarity for a wide range of Display applications.

Typical Properties

Available Thickness [Gauge]
500; 700; 1000

Property	Thickness	Value	Units	Test
OPTICAL				
Haze	500	0.5	%	ASTM D1003
Haze	700	1.0	%	ASTM D1003
Haze	1000	1.0	%	ASTM D1003
PHYSICAL				
Elongation at Break MD	500	206	%	ASTM D882A
Elongation at Break MD	700	217	%	ASTM D882A
Elongation at Break MD	1000	200	%	ASTM D882A
Elongation at Break TD	500	119	%	ASTM D882A
Elongation at Break TD	700	132	%	ASTM D882A
Elongation at Break TD	1000	120	%	ASTM D882A
Tensile Strength MD	500	28,700	psi	ASTM D882A
Tensile Strength MD	700	28,200	psi	ASTM D882A
Tensile Strength MD	1000	26,000	psi	ASTM D882A
Tensile Strength TD	500	29,200	psi	ASTM D882A
Tensile Strength TD	700	31,300	psi	ASTM D882A
Tensile Strength TD	1000	27,000	psi	ASTM D882A
THERMAL				
Shrinkage MD (190°C)	500	2.4	%	Unrestrained @190°C/5 min
Shrinkage MD (190°C)	700	2.4	%	Unrestrained @190°C/5 min
Shrinkage MD (190°C)	1000	2.4	%	Unrestrained @ 190°C/5 min
Shrinkage TD (190°C)	500	1.2	%	Unrestrained @190°C/5 min
Shrinkage TD (190°C)	700	1.0	%	Unrestrained @190°C/5 min
Shrinkage TD (190°C)	1000	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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