



DuPont Teijin Films™

MELINEX® 515

Product Description

A high clarity film which is two side pretreated for slip to combine good handling properties with high clarity and brilliance.

Typical Applications

MELINEX® 515 is suitable for applications which require a more die cuttable polyester film.

Approvals

UL Recognition - Product has been registered with Underwriters Laboratories.

Library of Congress Specification - This film meets the Library of Congress Specification Number 500-500-5/31/95 for use in archival storage.

Typical Properties

Available Thickness [Gauge]
650; 700; 1000

Property	Thickness	Value	Units	Test
OPTICAL				
Haze	1000	1.0	%	ASTM D1003
Total Light Transmission (TLT)	1000	85.5	%	ASTM D1003
Total Light Transmission (TLT)	650	87.0	%	ASTM D1003
PHYSICAL				
C.O.F. (dynamic) A-B		0.5		ASTM D1894
Density	650 - 1000	1.40	g/cm ³	
Elongation at Break MD		190	%	ASTM D882A
Elongation at Break TD		120	%	ASTM D882A
Tensile Strength MD		25,000	psi	ASTM D882A
Tensile Strength TD		29,000	psi	ASTM D882A
Yield (nominal)	700	2,840	in ² /lb	
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

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.

CAUTION: Do not use in medical applications involving permanent implantation in the human body ([DuPont Teijin Films Medical Policy](#)). For other medical applications, see the [Medical Caution Statement](#). DuPont Teijin Films

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