



DuPont Teijin Films™

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MELINEX® 455

Product Description

Melinex® 455 is a high clarity polyester film pretreated on one side for slip. It has excellent handling characteristics.

General Product Info

Melinex® 455 characteristics:

- Two smooth coatable surfaces
- Low surface resistivity
- Can be topcoated on either side
- Improves safety and cleanliness

Approvals

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]
200; 270; 275; 370; 380; 460; 465; 650

Property	Thickness	Value	Units	Test
OPTICAL				
Total Light Transmission (TLT)	200	88.7	%	ASTM D1003
Total Light Transmission (TLT)	270	88.5	%	ASTM D1003
Total Light Transmission (TLT)	370	88.3	%	ASTM D1003
Total Light Transmission (TLT)	465	88.0	%	ASTM D1003
Total Light Transmission (TLT)	650	87.0	%	ASTM D1003
PHYSICAL				
C.O.F. (dynamic) A-B		0.4		ASTM D1894
Elongation at Break MD		150	%	ASTM D882A
Elongation at Break TD		100	%	ASTM D882A
Tensile Strength MD		28,000	psi	ASTM D882A
Tensile Strength TD		36,000	psi	ASTM D882A
Yield Strength MD		14,000	psi	ASTM D882A
Yield Strength TD		14,000	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

DuPont Teijin Films U.S. Limited Partnership
 3600 Discovery Drive
 Chester, VA 23836 USA
 Tel: (800) 635-4639
 Fax: (804) 530-9867

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 [Cookie Preferences](#)

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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