



# DuPont Teijin Films™

## MELINEX® 1311

### Product Description

Melinex® 1311 is a clear polyester film with antistatic properties on both surfaces for improved web handling and safety.

### Approvals

**UL recognized** - Product has been registered with Underwriters Laboratories

### Typical Properties

#### Available Thickness [Gauge]

370; 440; 640; 700

Property	Thickness	Value	Units	Test
<b>ELECTRICAL</b>				
Surface Resistivity		2X10 <sup>10</sup>	Ohms/sq	ASTM D257 500 V DC @ 25°C, 54% RH
<b>OPTICAL</b>				
Total Light Transmission (TLT)	300	88.5	%	ASTM D1003
Total Light Transmission (TLT)	400	88.4	%	ASTM D1003
Total Light Transmission (TLT)	500	88.2	%	ASTM D1003
<b>PHYSICAL</b>				
C.O.F. (dynamic) A-B		0.6		ASTM D1894
Elongation at Break MD		160	%	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		14,000	psi	ASTM D882A
Yield Strength TD		14,500	psi	ASTM D882A
<b>THERMAL</b>				
Shrinkage MD (190°C)		4.0	%	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 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 accepts no liability for use of its products in medical applications not reviewed and approved by DuPont Teijin Films or for product misuse. DuPont Teijin Films supplies products to an agreed specification and does not manufacture products designed specifically for medical end use.

Melinex®, Mylar® and Melinex® ST™ are registered trademarks of DuPont Teijin Films U.S. Limited Partnership. Teijin® and Tetoron® are registered trademarks of Teijin Limited used under license by DuPont Teijin Films U.S. Limited Partnership. Teonex® is a registered trademark of Teijin DuPont Films Japan Limited and is used under license by DuPont Teijin Films U.S. Limited Partnership.