



# DuPont Teijin Films™

## MELINEX® 331

### Product Description

Melinex® 331 is an opaque, pearlescent, white film with excellent handling properties that is pretreated on one side to promote adhesion to most industrial coatings.

### Approvals

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

### Typical Properties

<b>Available Thickness [Gauge]</b>
200; 300; 700

Property	Thickness	Value	Units	Test
<b>OPTICAL</b>				
Gloss 45 Degrees		40	%	ASTM D1003
Gloss 60 Degrees		45	%	ASTM D1003
Total Light Transmission (TLT)	200	12	%	ASTM D1003
Total Light Transmission (TLT)	300	9.3	%	ASTM D1003
Total Light Transmission (TLT)	700	4.9	%	ASTM D1003
<b>PHYSICAL</b>				
C.O.F. (dynamic) A-B		0.3-0.4		ASTM D1894
C.O.F. (static)		0.3-0.4		ASTM D1894
Density	200-300	1.43	g/cm <sup>3</sup>	ASTM D1505
Density	380-700	1.48	g/cm <sup>3</sup>	ASTM D1505
Elongation at Break MD		135	%	ASTM D882A
Elongation at Break TD		95	%	ASTM D882A
Tensile Strength MD		23,000	psi	ASTM D882A
Tensile Strength TD		27,000	psi	ASTM D882A
Yield Strength MD		12,500	psi	ASTM D882A
Yield Strength TD		12,500	psi	ASTM D882A
<b>THERMAL</b>				
Shrinkage MD (190°C)	>300	1.5	%	Unrestrained @ 190°C/5 min
Shrinkage MD (190°C)	200	2.8	%	Unrestrained @ 190°C/5 min
Shrinkage TD (190°C)	>300	1.5	%	Unrestrained @ 190°C/5 min
Shrinkage TD (190°C)	200	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](#))

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