



# DuPont Teijin Films™

## MELINEX® 329

### Product Description

MELINEX® 329 is an opaque white, non-pretreated, polyester film with superb handling properties and a unique glossy appearance.

### Typical Applications

MELINEX® 329 is used as a base for pressure sensitive labels, in security and access cards, in multiple use tickets and in general printing applications. It is also used for medical diagnostic test strips.

### Approvals

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

### Typical Properties

<b>Available Thickness [Gauge]</b>
92; 142; 200; 300; 380; 500; 700; 1000; 1400

Property	Thickness	Value	Units	Test
<b>OPTICAL</b>				
Gloss 45 Degrees	92-1400	40	%	ASTM D1003
Gloss 60 Degrees	92-1400	45	%	ASTM D1003
Total Light Transmission (TLT)	92	23	%	ASTM D1003
Total Light Transmission (TLT)	200-300	15	%	ASTM D1003
Total Light Transmission (TLT)	500-700	7	%	ASTM D1003
Total Light Transmission (TLT)	1000-1400	4	%	ASTM D1003
Whiteness	ALL	98	%	ASTM E 313-79
<b>PHYSICAL</b>				
C.O.F. (dynamic) A-B	92-1400	0.3 - 0.4		ASTM D1894
Elongation at Break MD	92-1400	115	%	ASTM D882A
Elongation at Break TD	92-1400	90	%	ASTM D882A
Tensile Strength MD (break)	92-1400	16,000	psi	ASTM D882A
Tensile Strength MD 5%	92-1400	12,000	psi	ASTM D882A
Tensile Strength TD (break)	92-1400	19,000	psi	ASTM D882A
Tensile Strength TD 5%	92-1400	12,000	psi	ASTM D882A
<b>THERMAL</b>				
Shrinkage MD (190°C)	92	3.0	%	Unrestrained @ 190°C/5 min
Shrinkage MD (190°C)	142-200	2.8	%	Unrestrained @ 190°C/5 min
Shrinkage MD (190°C)	300-1400	1.5	%	Unrestrained @ 190°C/5 min
Shrinkage TD (190°C)	92	2.5	%	Unrestrained @ 190°C/5 min
Shrinkage TD (190°C)	142-200	1.0	%	Unrestrained @ 190°C/5 min
Shrinkage TD (190°C)	300-1400	1.5	%	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,

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