

## DuPont Teijin Films Melinex® 329 Polyester Film, 200 Gauge

Category : Polymer , Film , Thermoplastic , Polyester, TP , Polyester Film

### Material Notes:

Melinex® 329 is an opaque white, non-pretreated, polyester film with good handling properties and a unique glossy appearance. It 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 Information provided by DuPont.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Teijin-Films-Melinex-329-Polyester-Film-200-Gauge.php](http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-329-Polyester-Film-200-Gauge.php)

Physical Properties	Metric	English	Comments
Density	1.43 g/cc	0.0517 lb/in³	ASTM D1505

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	82.7 MPa	12000 psi	ASTM D882A
Film Tensile Strength at Yield, TD	82.7 MPa	12000 psi	ASTM D882A
Film Elongation at Break, MD	115 %	115 %	ASTM D882A
Film Elongation at Break, TD	90 %	90 %	ASTM D882A
Coefficient of Friction, Dynamic	0.30 - 0.40	0.30 - 0.40	A-B; ASTM D1894
Film Tensile Strength at Break, MD	152 MPa	22000 psi	ASTM D882A
Film Tensile Strength at Break, TD	159 MPa	23000 psi	ASTM D882A

Thermal Properties	Metric	English	Comments
Shrinkage, MD	2.8 % @Temperature 190 °C, Time 300 sec	2.8 % @Temperature 374 °F, Time 0.0833 hour	Unrestrained
Shrinkage, TD	1.0 % @Temperature 190 °C, Time 300 sec	1.0 % @Temperature 374 °F, Time 0.0833 hour	Unrestrained

Optical Properties	Metric	English	Comments
Gloss	40 %	40 %	45°; ASTM D1003
	45 %	45 %	60°; ASTM D1003
Transmission, Visible	16 %	16 %	TLT; ASTM D1003

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	>= 1.00e+14 ohm	>= 1.00e+14 ohm	500 V DC at 95% rh; ASTM D257-83
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Dielectric Strength	173 kV/mm	4400 kV/in	ASTM D149
Dielectric Breakdown	8800 V	8800 V	ASTM D149

Descriptive Properties	Value	Comments
Whiteness	100	ASTM E 313-79
Yield (nominal)	9825 in <sup>2</sup> /lb	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China