

## DuPont Teijin Films Melinex® 329W Polyester Film, 300 Gauge

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

**Material Notes:**

An opaque white film with good handling properties and a unique glossy appearance. 329W has same properties as 329 with the only exception being it is wound reverse. See the 329 datasheet for details. SLIT REELS MUST BE WOUND WITH CASTING DRUM SIDE OF FILM INSIDE REEL. Information provided by DuPont.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Teijin-Films-Melinex-329W-Polyester-Film-300-Gauge.php](http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-329W-Polyester-Film-300-Gauge.php)

Physical Properties	Metric	English	Comments
Density	1.43 g/cc	0.0517 lb/in <sup>3</sup>	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
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	1.5 %	1.5 %	Unrestrained
	@Temperature 190 °C, Time 300 sec	@Temperature 374 °F, Time 0.0833 hour	
Shrinkage, TD	1.5 %	1.5 %	Unrestrained
	@Temperature 190 °C, Time 300 sec	@Temperature 374 °F, Time 0.0833 hour	

Optical Properties	Metric	English	Comments
Gloss	40 %	40 %	45°; ASTM D1003
	45 %	45 %	60°; ASTM D1003
Transmission, Visible	9.0 %	9.0 %	TLT; ASTM D1003

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