

## DuPont Teijin Films Melinex® 547 Polyester Film, 400 Gauge

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

**Material Notes:**

Information provided by DuPont.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Teijin-Films-Melinex-547-Polyester-Film-400-Gauge.php](http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-547-Polyester-Film-400-Gauge.php)

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	150 %	150 %	ASTM D882A
Film Elongation at Break, TD	100 %	100 %	ASTM D882A
Coefficient of Friction, Dynamic	0.50	0.50	A-B; ASTM D1894
Film Tensile Strength at Break, MD	152 MPa	22000 psi	ASTM D882A
Film Tensile Strength at Break, TD	165 MPa	24000 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	0.00 %	0.00 %	Unrestrained
	@Temperature 190 °C, Time 300 sec	@Temperature 374 °F, Time 0.0833 hour	

Optical Properties	Metric	English	Comments
Transmission, Visible	90.3 %	90.3 %	TLT; ASTM D1003

Descriptive Properties	Value	Comments
Surface Roughness	.005 microns	Smooth side Ra
	.083 microns	Rough side Ra

## Contact Songhan Plastic Technology Co.,Ltd.

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