

## DuPont Teijin Films Melinex® 582 Polyester Film, 400 Gauge

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

**Material Notes:**

Melinex® 582 is a high clarity polyester film which is two-side hydrophilic pretreated to promote adhesion to many industrial aqueous coating and inks. Approvals: UL Recognition - 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-582-Polyester-Film-400-Gauge.php](http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-582-Polyester-Film-400-Gauge.php)

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	100 MPa	14500 psi	ASTM D882A
Film Tensile Strength at Yield, TD	100 MPa	14500 psi	ASTM D882A
Film Elongation at Break, MD	170 %	170 %	ASTM D882A
Film Elongation at Break, TD	120 %	120 %	ASTM D882A
Coefficient of Friction, Static	0.50	0.50	ASTM D1894
Film Tensile Strength at Break, MD	193 MPa	28000 psi	ASTM D882A
Film Tensile Strength at Break, TD	241 MPa	35000 psi	ASTM D882A

Thermal Properties	Metric	English	Comments
Shrinkage, MD	2.5 %	2.5 %	Unrestrained
	@Temperature 190 °C, Time 300 sec	@Temperature 374 °F, Time 0.0833 hour	
Shrinkage, TD	1.0 %	1.0 %	Unrestrained
	@Temperature 190 °C, Time 300 sec	@Temperature 374 °F, Time 0.0833 hour	

Optical Properties	Metric	English	Comments
Haze	1.4 %	1.4 %	ASTM D1003
Transmission, Visible	89 %	89 %	TLT; ASTM D1003

## Contact Songhan Plastic Technology Co.,Ltd.

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