

## DuPont Teijin Films Melinex® 583 Polyester Film, 300 Gauge

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

**Material Notes:**

Melinex® 583 is a high clarity, differentially treated polyester film. One side is hydrophilic pretreated to promote adhesion to many industrial aqueous coatings and inks, and the opposite side is pretreated for antistatic protection. Information provided by DuPont.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Teijin-Films-Melinex-583-Polyester-Film-300-Gauge.php](http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-583-Polyester-Film-300-Gauge.php)

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	100 MPa @Strain >=5.00 %	14500 psi @Strain >=5.00 %	ASTM D882A
Film Elongation at Break, MD	170 %	170 %	ASTM D882A
Film Elongation at Break, TD	120 %	120 %	ASTM D882A
Coefficient of Friction, Dynamic	0.50	0.50	A-B; 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 % @Temperature 190 °C, Time 300 sec	2.5 % @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
Haze	1.0 %	1.0 %	ASTM D1003
Transmission, Visible	90 %	90 %	TLT; ASTM D1003

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	1.60e+11 ohm @Temperature 25.0 °C	1.60e+11 ohm @Temperature 77.0 °F	500 V DC @ 66% RH; ASTM D257

**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