

## DuPont Teijin Films Melinex® 565 Polyester Film

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

**Material Notes:**

Melinex® 565 is a high clarity film which is differentially coated. One surface is coated with the standard T-Sub adhesion promoter; the opposite surface is coated for antistatic protection. Information provided by DuPont.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Teijin-Films-Melinex-565-Polyester-Film.php](http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-565-Polyester-Film.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	75.8 MPa	11000 psi	ASTM D882A
Film Elongation at Break, MD	150 %	150 %	ASTM D882A
Film Elongation at Break, TD	100 %	100 %	ASTM D882A
Coefficient of Friction, Static	0.40 - 0.50	0.40 - 0.50	ASTM D1894
Film Tensile Strength at Break, MD	138 MPa	20000 psi	ASTM D882A
Film Tensile Strength at Break, TD	138 MPa	20000 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	<= 1.0 %	<= 1.0 %	ASTM D1003

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	1.0e+11 ohm	1.0e+11 ohm	500 V DC @ 60% RH; ASTM D257
	@Temperature 25.0 °C	@Temperature 77.0 °F	

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