

## DuPont Teijin Films Melinex® AF Polyester Film

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

**Material Notes:**

Melinex® AF is a clear polyester film coated both sides with an anti-fog coating. Typical Applications: Typical applications include face shields, masks, visors, and other industrial uses. Information provided by DuPont.

Order this product through the following link:

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

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	150 %	150 %	ASTM D882A
Film Elongation at Break, TD	100 %	100 %	ASTM D882A
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	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	1.5 %	1.5 %	ASTM D1003
Transmission, Visible	89 %	89 %	TLT; ASTM D1003
	@Thickness 0.102 - 0.165 mm	@Thickness 0.00400 - 0.00650 in	

Descriptive Properties	Value	Comments
Yield (nominal)	3099 in <sup>2</sup> /lb	650 Gauge
	5035 in <sup>2</sup> /lb	400 Gauge

## Contact Songhan Plastic Technology Co.,Ltd.

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