

## DuPont Teijin Films Melinex® WCW Polyester Film, 75 Gauge

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

**Material Notes:**

Melinex® WCW is a translucent white polyester film with a rough surface for superior handling characteristics. Information provided by DuPont.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Teijin-Films-Melinex-WCW-Polyester-Film-75-Gauge.php](http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-WCW-Polyester-Film-75-Gauge.php)

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	96.5 MPa	14000 psi	ASTM D882A
Film Tensile Strength at Yield, TD	96.5 MPa	14000 psi	ASTM D882A
Film Elongation at Break, MD	90 %	90 %	ASTM D882A
Film Elongation at Break, TD	60 %	60 %	ASTM D882A
Coefficient of Friction, Dynamic	0.30	0.30	A-B; ASTM D1894
Film Tensile Strength at Break, MD	172 MPa	25000 psi	ASTM D882A
Film Tensile Strength at Break, TD	214 MPa	31000 psi	ASTM D882A

Thermal Properties	Metric	English	Comments
Shrinkage, MD	2.8 %	2.8 %	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
Haze	86 %	86 %	ASTM D1003
Transmission, Visible	81 %	81 %	TLT; ASTM D1003

Descriptive Properties	Value	Comments
Yield (nominal)	26500 in <sup>2</sup> /lb	

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