

## DuPont Teijin Films Melinex® 487 Polyester Film, 200 Gauge

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

**Material Notes:**

Melinex® 487 is a high-yield, white film that is coated on one side for adhesion to inks, coatings, laser printing, and thermal transfer printing. Information provided by DuPont.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Teijin-Films-Melinex-487-Polyester-Film-200-Gauge.php](http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-487-Polyester-Film-200-Gauge.php)

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in <sup>3</sup>	ASTM D1505-79 (Mod. to DuPont method)

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	228 MPa	33000 psi	ASTM D882A
Film Tensile Strength at Yield, TD	228 MPa	33000 psi	ASTM D882A
Film Elongation at Break, MD	140 %	140 %	ASTM D882A
Film Elongation at Break, TD	100 %	100 %	ASTM D882A
Coefficient of Friction, Dynamic	0.40	0.40	[in<sup>2</sup>/lb], A-B; ASTM D1894
Film Tensile Strength at Break, MD	159 MPa	23000 psi	ASTM D882A
Film Tensile Strength at Break, TD	159 MPa	23000 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

Optical Properties	Metric	English	Comments
Transmission, Visible	33 %	33 %	TLT; ASTM D1003

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