

## DuPont Teijin Films Melinex® 306 Polyester Film, 300 Gauge

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

**Material Notes:**

Melinex® 306 is a clear, smooth pretreated polyester film. Melinex® 306 is produced from a lightly filled polymer, giving it a very smooth surface. The two side chemical coating provides adhesion to magnetic oxides and a variety of inks, but also combines some antistatic properties to reduce the amount of static charge buildup that results from roll processing (winding and unwinding). This anticharge property helps reduce debris and contaminant attraction resulting in a cleaner film process for our customers. Also available in 286 Gauge. Information provided by DuPont.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Teijin-Films-Melinex-306-Polyester-Film-300-Gauge.php](http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-306-Polyester-Film-300-Gauge.php)

Physical Properties	Metric	English	Comments
Density	1.395 g/cc	0.05040 lb/in <sup>3</sup>	ASTM D1505

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	95.8 MPa @Strain >=5.00 %	13900 psi @Strain >=5.00 %	ASTM D882A
Film Elongation at Break, MD	117 %	117 %	ASTM D882A
Film Tensile Strength at Break, MD	191 MPa	27700 psi	ASTM D882A
Film Tensile Strength at Break, TD	225 MPa	32600 psi	ASTM D882A

Optical Properties	Metric	English	Comments
Transmission, Visible	90.2 % @Thickness 0.0762 mm	90.2 % @Thickness 0.00300 in	TLT; ASTM D1003

Descriptive Properties	Value	Comments
Coefficient of Hygroscopic Expansion	7E-6/%RH	40-80% RH
Surface Roughness	0.008 microns	

## Contact Songhan Plastic Technology Co.,Ltd.

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