

DuPont Teijin Films Melinex® 331 Polyester Film, 200 Gauge

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

Material Notes:

Melinex® 331 is an opaque, pearlescent, white film with excellent handling properties that is pretreated on one side to promote adhesion to most industrial coatings. Approvals: UL Recognition - Product has been registered with Underwriters Laboratories. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-331-Polyester-Film-200-Gauge.php

Physical Properties	Metric	English	Comments
Density	1.43 g/cc	0.0517 lb/in ³	ASTM D1505

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	86.2 MPa	12500 psi	ASTM D882A
Film Tensile Strength at Yield, TD	86.2 MPa	12500 psi	ASTM D882A
Film Elongation at Break, MD	135 %	135 %	ASTM D882A
Film Elongation at Break, TD	95 %	95 %	ASTM D882A
Coefficient of Friction, Dynamic	0.30 - 0.40	0.30 - 0.40	A-B; ASTM D1894
Coefficient of Friction, Static	0.30 - 0.40	0.30 - 0.40	ASTM D1894
Film Tensile Strength at Break, MD	159 MPa	23000 psi	ASTM D882A
Film Tensile Strength at Break, TD	186 MPa	27000 psi	ASTM D882A

Thermal Properties	Metric	English	Comments
Shrinkage, MD	2.8 % @Temperature 190 °C, Time 300 sec	2.8 % @Temperature 374 °F, Time 0.0833 hour	Unrestrained
Shrinkage, TD	1.0 % @Temperature 190 °C, Time 300 sec	1.0 % @Temperature 374 °F, Time 0.0833 hour	Unrestrained

Optical Properties	Metric	English	Comments
Gloss	40 %	40 %	45°; ASTM D1003
	45 %	45 %	60°; ASTM D1003
Transmission, Visible	12 %	12 %	TLT; ASTM D1003

Optical Properties	Metric	English	Comments
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