

DuPont Teijin Films Melinex® 617 Polyester Film, 500 Gauge

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

Material Notes:

Melinex® 617 is a super clear polyester film pretreated on both surfaces with a higher than normal coat weight of T-Sub pretreat for good solvent adhesion. 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-617-Polyester-Film-500-Gauge.php

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	99.3 MPa	14400 psi	ASTM D882A
Film Tensile Strength at Yield, TD	99.3 MPa	14400 psi	ASTM D882A
Film Elongation at Break, MD	206 %	206 %	ASTM D882A
Film Elongation at Break, TD	119 %	119 %	ASTM D882A
Coefficient of Friction, Dynamic	0.44	0.44	A-B; ASTM D1894
Film Tensile Strength at Break, MD	198 MPa	28700 psi	ASTM D882A
Film Tensile Strength at Break, TD	201 MPa	29200 psi	ASTM D882A

Thermal Properties	Metric	English	Comments
Shrinkage, MD	2.4 %	2.4 %	Unrestrained
	@Temperature 190 °C, Time 300 sec	@Temperature 374 °F, Time 0.0833 hour	
Shrinkage, TD	1.2 %	1.2 %	Unrestrained
	@Temperature 190 °C, Time 300 sec	@Temperature 374 °F, Time 0.0833 hour	

Optical Properties	Metric	English	Comments
Transmission, Visible	88 %	88 %	TLT; ASTM D1003

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