

DuPont Teijin Films Melinex® 535 Polyester Film

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

Material Notes:

Melinex® 535 is a high clarity polyester film that is two-side pretreated to promote adhesion to aqueous based coatings. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-535-Polyester-Film.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	93.1 MPa	13500 psi	ASTM D882A
Film Elongation at Break, MD	194 %	194 %	ASTM D882A
Film Elongation at Break, TD	135 %	135 %	ASTM D882A
Coefficient of Friction, Dynamic	0.40	0.40	A-B; ASTM D1894
Film Tensile Strength at Break, MD	186 MPa	27000 psi	ASTM D882A
Film Tensile Strength at Break, TD	214 MPa	31000 psi	ASTM D882A

Thermal Properties	Metric	English	Comments
Shrinkage, MD	0.60 %	0.60 %	Unrestrained
	@Temperature 190 °C, Time 300 sec	@Temperature 374 °F, Time 0.0833 hour	
Shrinkage, TD	0.80 %	0.80 %	Unrestrained
	@Temperature 190 °C, Time 300 sec	@Temperature 374 °F, Time 0.0833 hour	

Optical Properties	Metric	English	Comments
Transmission, Visible	88.5 %	88.5 %	TLT; ASTM D1003
	@Thickness 0.0965 mm	@Thickness 0.00380 in	

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