

DuPont Teijin Films Melinex® 426P Polyester Film, 92 Gauge

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

Material Notes:

Melinex® 426P is a slightly hazy film with excellent handling characteristics. Melinex® 426P is chemically treated on one side to minimize static charge. The treatment provides stable antistatic performance in industrial environments where relative humidity levels vary. The treated surface is normally wound on the outside of the roll. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-426P-Polyester-Film-92-Gauge.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	160 %	160 %	ASTM D882A
Film Elongation at Break, TD	100 %	100 %	ASTM D882A
Coefficient of Friction, Dynamic	0.40	0.40	A-B, Untreated to Treated; ASTM D1894
Film Tensile Strength at Break, MD	200 MPa	29000 psi	ASTM D882A
Film Tensile Strength at Break, TD	255 MPa	37000 psi	ASTM D882A

Thermal Properties	Metric	English	Comments
Shrinkage, MD	3.5 %	3.5 %	Unrestrained
	@Temperature 190 °C, Time 300 sec	@Temperature 374 °F, Time 0.0833 hour	
Shrinkage, TD	3.5 %	3.5 %	Unrestrained
	@Temperature 190 °C, Time 300 sec	@Temperature 374 °F, Time 0.0833 hour	

Optical Properties	Metric	English	Comments
Haze	5.6 %	5.6 %	ASTM D1003
Transmission, Visible	87 %	87 %	TLT; ASTM D1003

Descriptive Properties	Value	Comments
Yield (nominal)	21800 in ² /lb	

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