

DuPont Teijin Films Melinex® 966 Polyester Film, 700 Gauge

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

Material Notes:

Melinex® 966 is a slightly hazy film with internal UV blocker. It is pretreated on one surface to promote adhesion to many solvent systems.

It has a superb web handleability. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-966-Polyester-Film-700-Gauge.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	96.5 MPa	14000 psi	ASTM D882A
Film Elongation at Break, MD	200 %	200 %	ASTM D882A
Film Elongation at Break, TD	120 %	120 %	ASTM D882A
Coefficient of Friction, Dynamic	0.25	0.25	A-B, untreated to treated; ASTM D1894
Film Tensile Strength at Break, MD	165 MPa	24000 psi	ASTM D882A
Film Tensile Strength at Break, TD	207 MPa	30000 psi	ASTM D882A

Thermal Properties	Metric	English	Comments
Shrinkage, MD	2.0 %	2.0 %	Unrestrained
	@Temperature 190 °C, Time 300 sec	@Temperature 374 °F, Time 0.0833 hour	
Shrinkage, TD	2.3 %	2.3 %	Unrestrained
	@Temperature 190 °C, Time 300 sec	@Temperature 374 °F, Time 0.0833 hour	

Optical Properties	Metric	English	Comments
Optical Density	0.60	0.60	UV OD with Wratten 18A Filte
Haze	5.0 %	5.0 %	ASTM D1003

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