

DuPont Teijin Films Melinex® 473 Polyester Film, 200 Gauge

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

Material Notes:

Melinex® 473 is a high clarity polyester film manufactured with a coating on one surface that improves slip and handling characteristics. The opposite surface is raw polyester (non-coated). The slip treated surface is wound inside of the roll and the raw surface (non-coated) is on the outside surface of the roll. Typical Applications: Melinex 473 is used in many general industrial applications where clarity and handling properties are critical, e.g., overlay, lamination and printing applications. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-473-Polyester-Film-200-Gauge.php

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	>= 89.6 MPa	>= 13000 psi	ASTM D882A
Film Tensile Strength at Yield, TD	>= 89.6 MPa	>= 13000 psi	ASTM D882A
Coefficient of Friction, Dynamic	<= 0.70	<= 0.70	A-B; ASTM D1894
Film Tensile Strength at Break, MD	>= 172 MPa	>= 25000 psi	ASTM D882A
Film Tensile Strength at Break, TD	>= 172 MPa	>= 25000 psi	ASTM D882A

Thermal Properties	Metric	English	Comments
Shrinkage, MD	2.5 %	2.5 %	Unrestrained
	@Temperature 190 °C, Time 300 sec	@Temperature 374 °F, Time 0.0833 hour	
Shrinkage, TD	1.0 %	1.0 %	Unrestrained
	@Temperature 190 °C, Time 300 sec	@Temperature 374 °F, Time 0.0833 hour	

Optical Properties	Metric	English	Comments
Haze	<= 1.0 %	<= 1.0 %	ASTM D1003

Descriptive Properties	Value	Comments
Yield (nominal)	9918 in ² /lb	

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