

DuPont Teijin Films Melinex® 314 Polyester Film, 92 Gauge

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

Material Notes:

Melinex® 314 is a two-side adhesion promoting polyester film with consistently good handling properties. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-314-Polyester-Film-92-Gauge.php

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	100 MPa	14500 psi	ASTM D882A
Film Tensile Strength at Yield, TD	99.3 MPa	14400 psi	ASTM D882A
Film Elongation at Break, MD	150 %	150 %	ASTM D882A
Film Elongation at Break, TD	100 %	100 %	ASTM D882A
Coefficient of Friction, Dynamic	0.40 @Thickness 0.0234 mm	0.40 @Thickness 0.000920 in	A-B; ASTM D1894
Film Tensile Strength at Break, MD	193 MPa	28000 psi	ASTM D882A
Film Tensile Strength at Break, TD	248 MPa	36000 psi	ASTM D882A

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

Optical Properties	Metric	English	Comments
Haze	5.6 % @Thickness 0.0234 mm	5.6 % @Thickness 0.000920 in	ASTM D1003
Transmission, Visible	87 % @Thickness 0.0234 mm	87 % @Thickness 0.000920 in	TLT; ASTM D1003

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