

DuPont Teijin Films Teijin® Teton® U2 Polyester Film, 1000 Gauge

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

Material Notes:

Teijin® Teton® U2 is an opaque white polyester film. Teijin® Teton® U2 is available in the following variants: U2: Non-pretreated; available in 150, 200, 300, 400, 500 & 1000 gauge U298W: Adhesion Pretreated (both sides); available in 750 & 1000 gauge U2L98W: Low Shrinkage, Adhesion Pretreated (both sides); available in 500 gauge Typical Applications: Prepaid cards (Magnetic Cards) Label Imaging Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Teijin-Teton-U2-Polyester-Film-1000-Gauge.php

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	100 %	100 %	ASTM D882A
	100 %	100 %	U2L98W; ASTM D882A
Film Elongation at Break, TD	80 %	80 %	ASTM D882A
	90 %	90 %	U2L98W; ASTM D882A
Film Tensile Strength at Break, MD	136.96 MPa	19865 psi	U2L98W; ASTM D882A
	156.96 MPa	22765 psi	ASTM D882A
Film Tensile Strength at Break, TD	146.96 MPa	21315 psi	U2L98W; ASTM D882A
	156.96 MPa	22765 psi	ASTM D882A

Thermal Properties	Metric	English	Comments
Shrinkage, MD	0.90 %	0.90 %	Unrestrained, U2L98W
	@Temperature 150 °C, Time 1800 sec	@Temperature 302 °F, Time 0.500 hour	
	1.0 %	1.0 %	Unrestrained
	@Temperature 150 °C, Time 1800 sec	@Temperature 302 °F, Time 0.500 hour	
Shrinkage, TD	0.00 %	0.00 %	Unrestrained, U2L98W
	@Temperature 150 °C, Time 1800 sec	@Temperature 302 °F, Time 0.500 hour	
	0.10 %	0.10 %	Unrestrained
	@Temperature 150 °C, Time 1800 sec	@Temperature 302 °F, Time 0.500 hour	

Optical Properties	Metric	English	Comments
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Optical Properties	Metric	English	Comments
	55 %	55 %	60°, U2L98W; ASTM D1003

Descriptive Properties	Value	Comments
Color	0	a
	0	a, U2L98W
	-2.4	b, U2L98W
	-2.7	b
	91.1	L
	91.1	L, U2L98W

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