

DuPont Teijin Films Teijin® Teton® U2 Polyester Film, 500 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-500-Gauge.php

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	110 %	110 %	ASTM D882A
	130 %	130 %	U2L98W; ASTM D882A
Film Elongation at Break, TD	90 %	90 %	ASTM D882A
	90 %	90 %	U2L98W; ASTM D882A
Film Tensile Strength at Break, MD	146.96 MPa	21315 psi	U2L98W; ASTM D882A
	166.96 MPa	24215 psi	ASTM D882A
Film Tensile Strength at Break, TD	186.0 MPa	26970 psi	ASTM D882A
	186.0 MPa	26970 psi	U2L98W; ASTM D882A

Thermal Properties	Metric	English	Comments
Shrinkage, MD	0.30 %	0.30 %	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
	48 %	48 %	60°; ASTM D1003

Descriptive Properties	Value	Comments
Color	0.1	a
	0.1	a, U2L98W
	-2.5	b
	-2.5	b, U2L98W
	91.6	L
	92	L, U2L98W

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China