

DuPont Teijin Films Teijin® Teton® S Polyester Film, 100 Gauge

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

Material Notes:

Teijin® Teton® S is the designation for a family of clear to hazy polyester films. They are general purpose films having good physical and electrical properties. They also have good chemical and thermal stability. These films are known for good roll formation and consistency of quality. The following Teijin® Teton® S film variants are available: S: Non-pretreated SG: Low thermal shrinkage SG2: Low thermal shrinkage; Adhesion Pretreated (one side) SGZ: Release Liner (one side) SD: Adhesion Pretreated (one side) SP: Adhesion Pretreated (one side) SDW: Adhesion Pretreated (two side) SEW: Adhesion Pretreated (two side) PS: Sand blasted S film (matte) Typical Applications: Printing Plates Tracing Flexible Printed Circuits (FPC) Membrane Touch Switch (MTS) Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Teijin-Teton-S-Polyester-Film-100-Gauge.php

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	140 %	140 %	ASTM D882A
Film Elongation at Break, TD	120 %	120 %	ASTM D882A
Coefficient of Friction, Dynamic	0.41	0.41	ASTM D1894
Coefficient of Friction, Static	0.40	0.40	ASTM D1894
Film Tensile Strength at Break, MD	254.93 MPa	36975 psi	ASTM D882A
Film Tensile Strength at Break, TD	293.9 MPa	42630 psi	ASTM D882A

Thermal Properties	Metric	English	Comments
Shrinkage, MD	1.3 % @Temperature 150 °C, Time 1800 sec	1.3 % @Temperature 302 °F, Time 0.500 hour	Unrestrained
Shrinkage, TD	0.30 % @Temperature 150 °C, Time 1800 sec	0.30 % @Temperature 302 °F, Time 0.500 hour	Unrestrained

Optical Properties	Metric	English	Comments
Haze	2.0 %	2.0 %	ASTM D1003

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