

DuPont Teijin Films Teijin® Tetoron® HSL Polyester Film, 400 Gauge

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

Material Notes:

Teijin® Tetoron® HSL is a low shrinkage polyester film with well balanced physical, chemical and optical properties. In addition to the standard, non-pretreated, Teijin® Tetoron® HSL film, the following variations are available: HLE: Slip and adhesion treated - one side and HLW: Slip and adhesion treated - both sides

Typical Applications: Teijin® Tetoron® HSL film is suitable for many optical and imaging applications where low thermal shrinkage and low haze are important characteristics. It is recommended for: Imaging Membrane Touch Switches (MTS) OHPLayout Base Graphic Arts Decorative Laminates Labels

Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Teijin-Tetoron-HSL-Polyester-Film-400-Gauge.php

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	190 %	190 %	ASTM D882A
Film Elongation at Break, TD	130 %	130 %	ASTM D882A
Coefficient of Friction, Dynamic	0.31	0.31	ASTM D1894
Coefficient of Friction, Static	0.32	0.32	ASTM D1894
Film Tensile Strength at Break, MD	195.9 MPa	28420 psi	ASTM D882A
Film Tensile Strength at Break, TD	244.94 MPa	35525 psi	ASTM D882A

Thermal Properties	Metric	English	Comments
Shrinkage, MD	0.40 %	0.40 %	Unrestrained
	@Temperature 100 °C, Time 1800 sec	@Temperature 212 °F, Time 0.500 hour	
Shrinkage, TD	-0.100 %	-0.100 %	Unrestrained
	@Temperature 150 °C, Time 1800 sec	@Temperature 302 °F, Time 0.500 hour	

Optical Properties	Metric	English	Comments
Haze	1.9 %	1.9 %	ASTM D1003

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