

DuPont Teijin Films Melinex® ST329 Polyester Film, 1000 Gauge

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

Material Notes:

MELINEX® ST329 has good handling properties and a unique pearlescent appearance with no pre-treatments. It is heat stabilized for applications in high temperature processes where film registration is critical. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-ST329-Polyester-Film-1000-Gauge.php

Physical Properties	Metric	English	Comments
Density	1.51 g/cc	0.0546 lb/in ³	ASTM D1505-85

Mechanical Properties	Metric	English	Comments
Coefficient of Friction, Static	0.32	0.32	ASTM D1894
Film Tensile Strength at Break, MD	131 MPa	19000 psi	ASTM D882A
Film Tensile Strength at Break, TD	165 MPa	24000 psi	ASTM D882A

Thermal Properties	Metric	English	Comments
Shrinkage, MD	0.10 %	0.10 %	Unrestrained
	@Temperature 150 °C, Time 1800 sec	@Temperature 302 °F, Time 0.500 hour	
Shrinkage, TD	0.050 %	0.050 %	Unrestrained
	@Temperature 150 °C, Time 1800 sec	@Temperature 302 °F, Time 0.500 hour	

Optical Properties	Metric	English	Comments
Optical Density	1.2	1.2	ASTM D1003
Transmission, Visible	6.7 %	6.7 %	TLT; ASTM D1003

Descriptive Properties	Value	Comments
Color	0	a
	-0.4	b
	96.9	L
Whiteness	0.95	ASTM E313-79

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