

DuPont Teijin Films Melinex® FRP Polyester Film, 92 Gauge

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

Material Notes:

Melinex® FRP is designed specifically for embossing and release applications in the fiberglass reinforced panel industry, with consistently good cross-web flatness and handling properties. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-FRP-Polyester-Film-92-Gauge.php

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	103 MPa	15000 psi	ASTM D882A
Film Tensile Strength at Yield, TD	103 MPa	15000 psi	ASTM D882A
Film Elongation at Break, MD	140 %	140 %	ASTM D882A
Film Elongation at Break, TD	90 %	90 %	ASTM D882A
Coefficient of Friction, Dynamic	0.30	0.30	A-B; ASTM D1894
Film Tensile Strength at Break, MD	228 MPa	33000 psi	ASTM D882A
Film Tensile Strength at Break, TD	248 MPa	36000 psi	ASTM D882A

Thermal Properties	Metric	English	Comments
Shrinkage, MD	3.5 %	3.5 %	Unrestrained
	@Temperature 190 °C, Time 300 sec	@Temperature 374 °F, Time 0.0833 hour	
Shrinkage, TD	2.3 %	2.3 %	Unrestrained
	@Temperature 190 °C, Time 300 sec	@Temperature 374 °F, Time 0.0833 hour	

Optical Properties	Metric	English	Comments
Transmission, Visible	87 %	87 %	TLT; ASTM D1003

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