

## DuPont Teijin Films Melinex® FRPS Polyester Film, 142 Gauge

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

**Material Notes:**

Melinex® FRPS is a lower shrinkage version of Melinex® S. Designed specifically for 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-FRPS-Polyester-Film-142-Gauge.php](http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-FRPS-Polyester-Film-142-Gauge.php)

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	96.5 MPa	14000 psi	ASTM D882A
Film Tensile Strength at Yield, TD	100 MPa	14500 psi	ASTM D882A
Film Elongation at Break, MD	140 %	140 %	ASTM D882A
Film Elongation at Break, TD	100 %	100 %	ASTM D882A
Coefficient of Friction, Dynamic	0.30	0.30	A-B; ASTM D1894
Film Tensile Strength at Break, MD	200 MPa	29000 psi	ASTM D882A
Film Tensile Strength at Break, TD	255 MPa	37000 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	2.5 %	2.5 %	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

### Contact Songhan Plastic Technology Co.,Ltd.

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