

## DuPont Teijin Films Melinex® RFL1 Polyester Film, 600 Gauge

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

### Material Notes:

MELINEX® RFL1 is a highly reflective, white polyester film. Typical Applications: Typical applications include reflectors in display boards, internally illuminated billboards, labels, backlights, and luminaries. Approvals: UL Recognition - Product has been registered with Underwriters Laboratories. Information provided by DuPont.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Teijin-Films-Melinex-RFL1-Polyester-Film-600-Gauge.php](http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-RFL1-Polyester-Film-600-Gauge.php)

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in <sup>3</sup>	ASTM D1505

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	80 %	80 %	ASTM D882A
Film Elongation at Break, TD	65 %	65 %	ASTM D882A
Film Tensile Strength at Break, MD	79.3 MPa	11500 psi	ASTM D882A
Film Tensile Strength at Break, TD	86.2 MPa	12500 psi	ASTM D882A

Thermal Properties	Metric	English	Comments
Shrinkage, MD	1.7 % @Temperature 150 °C, Time 1800 sec	1.7 % @Temperature 302 °F, Time 0.500 hour	Unrestrained
Shrinkage, TD	1.2 % @Temperature 150 °C, Time 1800 sec	1.2 % @Temperature 302 °F, Time 0.500 hour	Unrestrained

Optical Properties	Metric	English	Comments
Optical Density	1.3	1.3	Densitometer with visual/ortho filter
Gloss	60 %	60 %	60°, Macbeth TD904 Optical; ASTM D2457-08
Transmission, Visible	2.5 %	2.5 %	TLT; ASTM D1003-11

Descriptive Properties	Value	Comments
Whiteness	110	ASTM E313-79

## Contact Songhan Plastic Technology Co.,Ltd.

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