

DuPont Teijin Films Melinex® 054 Polyester Film

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

Material Notes:

Melinex® 054 is a high clarity, low balanced shrink polyester film which is two-side pretreated to promote adhesion to industrial coatings and inks. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-054-Polyester-Film.php

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	89.6 MPa	13000 psi	ASTM D882A
Film Tensile Strength at Yield, TD	89.6 MPa	13000 psi	ASTM D882A
Film Elongation at Break, MD	200 %	200 %	ASTM D882A
Film Elongation at Break, TD	120 %	120 %	ASTM D882A
Coefficient of Friction, Static	0.40 - 0.50	0.40 - 0.50	ASTM D1894
Film Tensile Strength at Break, MD	138 MPa	20000 psi	ASTM D882A
Film Tensile Strength at Break, TD	172 MPa	25000 psi	ASTM D882A

Thermal Properties	Metric	English	Comments
Shrinkage, MD	1.0 % @Temperature 190 °C, Time 300 sec	1.0 % @Temperature 374 °F, Time 0.0833 hour	Unrestrained
Shrinkage, TD	0.80 % @Temperature 190 °C, Time 300 sec	0.80 % @Temperature 374 °F, Time 0.0833 hour	Unrestrained

Optical Properties	Metric	English	Comments
Haze	0.30 % @Thickness 0.0965 mm	0.30 % @Thickness 0.00380 in	ASTM D1003
	0.50 % @Thickness 0.117 mm	0.50 % @Thickness 0.00460 in	ASTM D1003
Transmission, Visible	87 % @Thickness 0.178 mm	87 % @Thickness 0.00700 in	TLT; ASTM D1003
	88 %	88 %	TLT; ASTM D1003

Optical Properties	@Thickness 0.102 mm Metric	@Thickness 0.00400 in English	Comments
	88 %	88 %	TLT; ASTM D1003
	@Thickness 0.127 mm	@Thickness 0.00500 in	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China