

DuPont Teijin Films Melinex® 725 Polyester Film

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

Material Notes:

Melinex® 725 is a high clarity polyester film pretreated on both sides to promote adhesion to many industrial coatings and inks. Melinex® 725 exhibits improved performance in multi-pass printing applications employing UV curing and offers greater ease of embossing or die cutting. 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-725-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, Dynamic	0.40	0.40	A-B; ASTM D1894
Film Tensile Strength at Break, MD	165 MPa	24000 psi	ASTM D882A
Film Tensile Strength at Break, TD	186 MPa	27000 psi	ASTM D882A

Thermal Properties	Metric	English	Comments
Shrinkage, MD	2.5 %	2.5 %	Unrestrained
	@Temperature 190 °C, Time 300 sec	@Temperature 374 °F, Time 0.0833 hour	
Shrinkage, TD	1.5 %	1.5 %	Unrestrained
	@Temperature 190 °C, Time 300 sec	@Temperature 374 °F, Time 0.0833 hour	

Optical Properties	Metric	English	Comments
Haze	0.50 %	0.50 %	ASTM D1003
	@Thickness 0.127 mm	@Thickness 0.00500 in	
	0.80 %	0.80 %	
	@Thickness 0.178 mm	@Thickness 0.00700 in	ASTM D1003
	1.5 %	1.5 %	ASTM D1003
	@Thickness 0.254 mm	@Thickness 0.0100 in	
	85 %	85 %	

Transmission Visible Optical Properties	Metric @ Thickness 0.254 mm	English @ Thickness 0.0100 in	TLT; ASTM D1003 Comments
	87 %	87 %	TLT; ASTM D1003
	@Thickness 0.178 mm	@Thickness 0.00700 in	
	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