

DuPont Teijin Films Melinex® 378 Polyester Film

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

Material Notes:

Melinex® 378 is a translucent, matte, polyester film which has a rougher surface (lower surface gloss) than Melinex® 377. 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-378-Polyester-Film.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	96.5 MPa	14000 psi	ASTM D882A
Film Elongation at Break, MD	90 %	90 %	ASTM D882A
Film Elongation at Break, TD	60 %	60 %	ASTM D882A
Coefficient of Friction, Dynamic	0.30	0.30	A-B; ASTM D1894
Film Tensile Strength at Break, MD	172 MPa	25000 psi	ASTM D882A
Film Tensile Strength at Break, TD	214 MPa	31000 psi	ASTM D882A

Thermal Properties	Metric	English	Comments
Shrinkage, MD	2.8 %	2.8 %	Unrestrained
	@Temperature 190 °C, Time 300 sec	@Temperature 374 °F, Time 0.0833 hour	
Shrinkage, TD	0.00 %	0.00 %	Unrestrained
	@Temperature 190 °C, Time 300 sec	@Temperature 374 °F, Time 0.0833 hour	

Optical Properties	Metric	English	Comments
Haze	86 %	86 %	ASTM D1003
	@Thickness 0.0191 mm	@Thickness 0.000750 in	
	92 %	92 %	ASTM D1003
	@Thickness 0.0234 mm	@Thickness 0.000920 in	
Gloss	92 %	92 %	45°; ASTM D523
	@Thickness 0.0234 mm	@Thickness 0.000920 in	

Optical Properties	92 % Metric	92 % English	Comments 60°, ASTM D523
	@Thickness 0.0234 mm	@Thickness 0.000920 in	
Transmission, Visible	73 % @Thickness 0.0234 mm	73 % @Thickness 0.000920 in	TLT; ASTM D1003
	81 % @Thickness 0.0191 mm	81 % @Thickness 0.000750 in	TLT; ASTM D1003

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