

DuPont Teijin Films Melinex® CORE 2 Polyester Film

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

Material Notes:

Melinex® CORE 2 is a two-side heat sealable, opaque white polyester film which is ideal in specialty card laminate applications. This film can be heat sealed to itself and other polyesters, as well as a variety of substrates including some grades of paper, PVC, and Teslin®. The film is supplied with heat seal surfaces modified to prevent air entrapment during lamination. The heat seal co-polyester layer will accept UV curable off-set litho and screen printing inks. Melinex® CORE 2 film is available in 600 to 1210 gauge. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-CORE-2-Polyester-Film.php

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in³	ASTM D1505

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	73.1 MPa	10600 psi	ASTM D882A
Film Tensile Strength at Yield, TD	73.1 MPa	10600 psi	ASTM D882A
Film Elongation at Break, MD	140 %	140 %	ASTM D882A
Film Elongation at Break, TD	110 %	110 %	ASTM D882A
Coefficient of Friction, Dynamic	0.90	0.90	A-B; ASTM D1894
Film Tensile Strength at Break, MD	108 MPa	15600 psi	ASTM D882A
Film Tensile Strength at Break, TD	108 MPa	15600 psi	ASTM D882A
Heat Seal Strength Initiation Temperature	120 - 200 °C	248 - 392 °F	

Thermal Properties	Metric	English	Comments
Shrinkage, MD	2.0 % @Temperature 190 °C, Time 300 sec	2.0 % @Temperature 374 °F, Time 0.0833 hour	Unrestrained
Shrinkage, TD	1.0 % @Temperature 190 °C, Time 300 sec	1.0 % @Temperature 374 °F, Time 0.0833 hour	Unrestrained

Optical Properties	Metric	English	Comments
Transmission, Visible	5.0 % @Thickness 0.254 mm	5.0 % @Thickness 0.0100 in	TLT; ASTM D1003

Optical Properties	^{mm} Metric	ⁱⁿ English	Comments
	@Thickness 0.152 mm	@Thickness 0.00600 in	TUT,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