

DuPont Teijin Films Melinex® 456 Polyester Film

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

Material Notes:

Melinex® 456 is an excellent handling, high clarity polyester film with both sides pretreated for slip. The two smooth surfaces allow easy top coating. Approvals: UL 94 VTM-2 - for 200 - 700 gauge (0.05 - 0.17mm) and Library of Congress Specification - This film meets the Library of Congress Specification Number 500-500-5/31/95 for use in archival storage. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-456-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	150 %	150 %	ASTM D882A
Film Elongation at Break, TD	100 %	100 %	ASTM D882A
Coefficient of Friction, Dynamic	0.40	0.40	A-B; ASTM D1894
Film Tensile Strength at Break, MD	193 MPa	28000 psi	ASTM D882A
Film Tensile Strength at Break, TD	248 MPa	36000 psi	ASTM D882A

Thermal Properties	Metric	English	Comments
Shrinkage, MD	2.5 % @Temperature 190 °C, Time 300 sec	2.5 % @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	88 % @Thickness 0.118 mm	88 % @Thickness 0.00465 in	TLT; ASTM D1003
	88.5 % @Thickness 0.0686 mm	88.5 % @Thickness 0.00270 in	TLT; ASTM D1003
	88.8 % @Thickness 0.0508 mm	88.8 % @Thickness 0.00200 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