

DuPont Teijin Films Melinex® 618 Polyester Film, 500 Gauge

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

Material Notes:

Melinex® 618 is a super clear polyester film, pretreated on one side to promote adhesion. It is a high clarity, non-yellow base with excellent adhesion on the pretreated surface. Used for a wide range of display applications. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-618-Polyester-Film-500-Gauge.php

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	206 %	206 %	ASTM D882A
Film Elongation at Break, TD	119 %	119 %	ASTM D882A
Film Tensile Strength at Break, MD	198 MPa	28700 psi	ASTM D882A
Film Tensile Strength at Break, TD	201 MPa	29200 psi	ASTM D882A

Thermal Properties	Metric	English	Comments
Shrinkage, MD	2.4 % @Temperature 190 °C, Time 300 sec	2.4 % @Temperature 374 °F, Time 0.0833 hour	Unrestrained
Shrinkage, TD	1.2 % @Temperature 190 °C, Time 300 sec	1.2 % @Temperature 374 °F, Time 0.0833 hour	Unrestrained

Optical Properties	Metric	English	Comments
Haze	0.50 %	0.50 %	ASTM D1003

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