

DuPont Teijin Films Melinex® 680 Polyester Film, 500 Gauge

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

Material Notes:

Melinex® 680 is a super clear polyester film, pretreated on one side to promote adhesion with improved handleability. It is 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-680-Polyester-Film-500-Gauge.php

| Mechanical Properties | Metric | English | Comments |
|------------------------------------|---------|-----------|------------|
| Film Tensile Strength at Break, MD | 186 MPa | 27000 psi | ASTM D882A |
| Film Tensile Strength at Break, TD | 214 MPa | 31000 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 | 1.0 % @Temperature 190 °C, Time 300 sec | 1.0 % @Temperature 374 °F, Time 0.0833 hour | Unrestrained |

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

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