

DuPont Teijin Films Melinex® D316 Polyester Film, 200 Gauge

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

Material Notes:

Melinex® D316 is a polyester film designed for the label industry, one side pretreated to promote adhesion to a wide variety of solventless, UV, EB, and thermal cured coatings. Adhesion promoting one side High surface energy (45-48 dynes) Faster processing/label application speeds Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-D316-Polyester-Film-200-Gauge.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|---------------------------|------------|
| Density | 1.40 g/cc | 0.0506 lb/in ³ | ASTM D1505 |

| Mechanical Properties | Metric | English | Comments |
|------------------------------------|---------|-----------|-----------------|
| Film Elongation at Break, MD | 140 % | 140 % | ASTM D882A |
| Film Elongation at Break, TD | 90 % | 90 % | ASTM D882A |
| Coefficient of Friction, Dynamic | 0.40 | 0.40 | A-B; ASTM D1894 |
| Film Tensile Strength at Break, MD | 207 MPa | 30000 psi | ASTM D882A |
| Film Tensile Strength at Break, TD | 262 MPa | 38000 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 | 0.50 % @Temperature 190 °C, Time 300 sec | 0.50 % @Temperature 374 °F, Time 0.0833 hour | Unrestrained |

| Optical Properties | Metric | English | Comments |
|--------------------|--------|---------|------------|
| Haze | 9.0 % | 9.0 % | ASTM D1003 |

| Descriptive Properties | Value | Comments |
|------------------------|---------------------------|----------|
| Yield (nominal) | 10070 in ² /lb | |

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