

DuPont Teijin Films Teijin® Tetoron® U2 Polyester Film, 200 Gauge

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

Material Notes:

Teijin® Tetoron® U2 is an opaque white polyester film. Teijin® Tetoron® U2 is available in the following variants:U2: Non-pretreated; available in 150, 200, 300, 400, 500 & 1000 gaugeU298W: Adhesion Pretreated (both sides); available in 750 & 1000 gaugeU2L98W: Low Shrinkage, Adhesion Pretreated (both sides); available in 500 gaugeTypical Applications: Prepaid cards (Magnetic Cards)LabelImagingInformation provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Teijin-Tetoron-U2-Polyester-Film-200-Gauge.php

| Mechanical Properties | Metric | English | Comments |
|------------------------------------|-----------|-----------|------------|
| Film Elongation at Break, MD | 110 % | 110 % | ASTM D882A |
| Film Elongation at Break, TD | 80 % | 80 % | ASTM D882A |
| Film Tensile Strength at Break, MD | 176.0 MPa | 25520 psi | ASTM D882A |
| Film Tensile Strength at Break, TD | 205.9 MPa | 29870 psi | ASTM D882A |

| Thermal Properties | Metric | English | Comments |
|--------------------|---------------------------------------|---|--------------|
| Shrinkage, MD | 1.1 % | 1.1 % | Unrestrained |
| | @Temperature 150 °C, Time 1800 sec | @Temperature 302 °F, Time 0.500 hour | |
| Shrinkage, TD | 0.30 % | 0.30 % | Unrestrained |
| | @Temperature 150 °C, Time 1800 sec | @Temperature 302 °F, Time 0.500 hour | |

| Optical Properties | Metric | English | Comments |
|--------------------|--------|---------|-----------------|
| Gloss | 47 % | 47 % | 60°; ASTM D1003 |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
| Color | 0.1 | a |
| | -2.3 | b |
| | 92 | L |

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