

DuPont Teijin Films Teijin® Tetoron® U4 Polyester Film, 100 Gauge

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

Material Notes:

Teijin® Tetoron® U4 is a filled, translucent white polyester film. It has rough surface characteristics. This film is also available pretreated for slip - known as Teijin® Tetoron® U4Z. This product is used for release films and is available in 500 gauge. Typical Applications: Tracing Film, Labels, Stamping, Imaging. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Teijin-Tetoron-U4-Polyester-Film-100-Gauge.php

| Mechanical Properties | Metric | English | Comments |
|------------------------------------|-----------|-----------|------------|
| Film Elongation at Break, MD | 110 % | 110 % | ASTM D882A |
| Film Elongation at Break, TD | 90 % | 90 % | ASTM D882A |
| Coefficient of Friction, Dynamic | 0.28 | 0.28 | ASTM D1894 |
| Coefficient of Friction, Static | 0.31 | 0.31 | ASTM D1894 |
| Film Tensile Strength at Break, MD | 186.0 MPa | 26970 psi | ASTM D882A |
| Film Tensile Strength at Break, TD | 215.9 MPa | 31320 psi | ASTM D882A |

| Thermal Properties | Metric | English | Comments |
|--------------------|---------------------------------------|---|--------------|
| Shrinkage, MD | 1.2 % | 1.2 % | Unrestrained |
| | @Temperature 150 °C, Time 1800 sec | @Temperature 302 °F, Time 0.500 hour | |
| Shrinkage, TD | 0.40 % | 0.40 % | Unrestrained |
| | @Temperature 150 °C, Time 1800 sec | @Temperature 302 °F, Time 0.500 hour | |

| Optical Properties | Metric | English | Comments |
|-----------------------|--------|---------|------------|
| Haze | 71 % | 71 % | ASTM D1003 |
| Transmission, Visible | 80 % | 80 % | ASTM D1003 |

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