



DuPont Teijin Films™

MELINEX® 514P

Product Description

This high clarity film has one side hydrophilic pretreated to promote adhesion to many solvent coatings formulations, while the opposite side is pretreated to provide antistatic protection.

Typical Properties

| |
|------------------------------------|
| Available Thickness [Gauge] |
| 360; 650; 700 |

| Property | Thickness | Value | Units | Test |
|--------------------------------|-----------|--------|----------------|-----------------------------------|
| ELECTRICAL | | | | |
| Surface Resistivity | | 10.8 | LOG Ohms/sq | ASTM D257 100 V DC 23°C/66% RH |
| OPTICAL | | | | |
| Total Light Transmission (TLT) | 360 | 88.5 | % | ASTM D1003 |
| Total Light Transmission (TLT) | 650 | 87.1 | % | ASTM D1003 |
| Total Light Transmission (TLT) | 700 | 87.1 | % | ASTM D1003 |
| PHYSICAL | | | | |
| C.O.F. (dynamic) A-B | | 0.35 | | ASTM D1894 |
| Elongation at Break MD | | 190 | % | ASTM D882A |
| Elongation at Break TD | | 120 | % | ASTM D882A |
| Tensile Strength MD | | 26,200 | psi | ASTM D882A |
| Tensile Strength TD | | 30,000 | psi | ASTM D882A |
| Yield Strength MD | | 14,600 | psi | ASTM D882A |
| Yield Strength TD | | 30,000 | psi | ASTM D882A |
| THERMAL | | | | |
| Shrinkage MD (190°C) | | 2.5 | % | Unrestrained @ 190°C/5 min |
| Shrinkage TD (190°C) | | 0.4 | % | Unrestrained @ 190°C/5 min |

Contact Info

DuPont Teijin Films U.S. Limited Partnership
3600 Discovery Drive
Chester, VA 23836 USA
Tel: (800) 635-4639
Fax: (804) 530-9867

Disclaimer

Note: These values are typical performance data for DuPont Teijin Films' polyester film; they are not intended to be used as design data. We believe this information is the best currently available on the subject. It is offered as a possible helpful suggestion in experimentation you may care to undertake along these lines. It is subject to revision as additional knowledge and experience is gained. DuPont Teijin Films makes no guarantee of results and assumes no obligation or liability whatsoever in connection with this information. This publication is not a license to operate under, or intended to suggest infringement of, any existing patents.

CAUTION: Do not use in medical applications involving permanent implantation in the human body ([DuPont Teijin Films Medical Policy](#)). For other medical applications, see the [Medical Caution Statement](#). DuPont Teijin Films accepts no liability for use of its products in medical applications not reviewed and approved by DuPont Teijin Films or for product misuse. DuPont Teijin Films supplies products to an agreed specification and does not manufacture products designed specifically for medical end use.

Melinex®, Mylar® and Melinex® ST™ are registered trademarks of DuPont Teijin Films U.S. Limited Partnership.

Teijin® and Teton® are registered trademarks of Teijin Limited used under license by DuPont Teijin Films U.S. Limited Partnership. Teonex® is a registered trademark of Teijin DuPont Films Japan Limited and is used under license by DuPont Teijin Films U.S. Limited Partnership.