



# DuPont Teijin Films™

## MELINEX® 561

### Product Description

Melinex® 561 is a high clarity polyester film which is pretreated on both sides to promote adhesion to many industrial coatings and inks. Melinex® 561 is suitable for applications which require a more die cuttable polyester film.

### Approvals

**UL Recognition** - Product has been registered with Underwriters Laboratories

### Typical Properties

| Available Thickness [Gauge] |
|-----------------------------|
| 500; 700; 1000              |

| Property                       | Thickness | Value  | Units | Test       |
|--------------------------------|-----------|--------|-------|------------|
| <b>OPTICAL</b>                 |           |        |       |            |
| Haze                           | 1000      | 1.9    | %     | ASTM D1003 |
| Haze                           | 500       | 0.4    | %     | ASTM D1003 |
| Haze                           | 700       | 0.5    | %     | ASTM D1003 |
| Total Light Transmission (TLT) | 1000      | 85.0   | %     | ASTM D1003 |
| Total Light Transmission (TLT) | 500       | 88.0   | %     | ASTM D1003 |
| Total Light Transmission (TLT) | 700       | 87.0   | %     | ASTM D1003 |
| <b>PHYSICAL</b>                |           |        |       |            |
| C.O.F. (dynamic) A-B           |           | 0.5    |       | ASTM D1894 |
| Elongation at Break MD         |           | 200    | %     | ASTM D882A |
| Elongation at Break TD         |           | 120    | %     | ASTM D882A |
| Tensile Strength MD            |           | 24,000 | psi   | ASTM D882A |

|                      |  |        |     |                            |
|----------------------|--|--------|-----|----------------------------|
| Tensile Strength TD  |  | 30,000 | psi | ASTM D882A                 |
| Yield Strength MD    |  | 14,000 | psi | ASTM D882A                 |
| Yield Strength TD    |  | 14,000 | psi | ASTM D882A                 |
| <b>THERMAL</b>       |  |        |     |                            |
| Shrinkage MD (190°C) |  | 1.7    | %   | Unrestrained @ 190°C/5 min |
| Shrinkage TD (190°C) |  | 1.9    | %   | Unrestrained @ 190°C/5 min |

### Contact Info

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### 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.

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