



# DuPont Teijin Films™

## MELINEX® TCH22UV

### Product Description

MELINEX® TCH22UV is a UV stabilized high clarity polyester film with good handleability and high visible light transmission. It also blocks UV transmission below 375 nm. The film is pretreated on both sides of the film surfaces for adhesion.

### Typical Properties

|                                    |
|------------------------------------|
| <b>Available Thickness [Gauge]</b> |
| 200                                |

| Property                       | Thickness | Value  | Units | Test   |
|--------------------------------|-----------|--------|-------|--|
| <b>OPTICAL</b>                 |           |        |       |  |
| Haze                           | 200       | <1     | %     | ASTM D1003   |
| Total Light Transmission (TLT) | 200       | 91     | %     | ASTM D1003   |
| UV Optical Density             | 200       | 0.6    |       | McBeth TD904 Optical Densitometer with Wratten 18A UV filter |
| <b>PHYSICAL</b>                |           |        |       |  |
| Elongation at Break MD         | 200       | 180    | %     | ASTM D882A   |
| Elongation at Break TD         | 200       | 100    | %     | ASTM D882A   |
| Tensile Strength MD (break)    | 200       | 24,000 | psi   | ASTM D882A   |
| Tensile Strength TD (break)    | 200       | 33,000 | psi   | ASTM D882A   |
| Yield Strength MD 5%           | 200       | 13,500 | psi   | ASTM D882A   |
| Yield Strength TD 5%           | 200       | 12,500 | psi   | ASTM D882A   |
| <b>THERMAL</b>                 |           |        |       |  |
| Shrinkage MD (150°C)           | 200       | 1      | %     | Unrestrained @ 150°C/30 min                                  |
| Shrinkage TD (130°C)           | 200       | 0.4    | %     | Unrestrained @ 150°C/30 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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