

TORAY

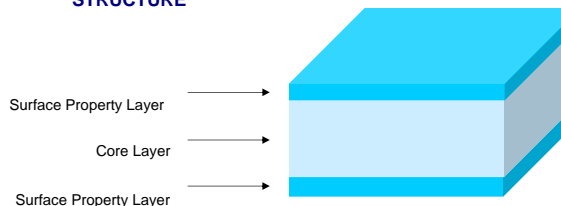
Innovation by Chemistry

Lumirror® U6V

Technical Data Sheet

U6V is a UV-stabilized PET film designed for solar use or over-lamination of inkjet prints and other substrates vulnerable to ultra violet exposure.

STRUCTURE



KEY FEATURES

- Co-extruded three layer structure allows very low haze and friction
- UV Protection

SIMILAR PRODUCTS

- U6V1
- U65V
- U6W, U6W2

APPLICATIONS

- Solar Control Window Film
- Overlamine

TECHNICAL DATA

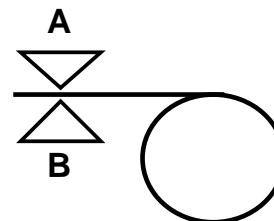
| PROPERTIES | | METHOD | UNITS | TYPICAL VALUES | |
|--|-------------------|------------|---------------------|----------------|--------|
| Thickness | | - | 0.00001" | 92 | 200 |
| Nominal Yield | | - | in ² /lb | 21,500 | 9,900 |
| F-5 | MD | ASTM D882 | lb/in ² | 15,200 | 15,200 |
| | TD | | | 14,500 | 14,800 |
| Tensile Strength at Break | MD | ASTM D882 | lb/in ² | 30,900 | 29,900 |
| | TD | | | 34,700 | 34,100 |
| Elongation at Break | MD | ASTM D882 | % | 160 | 172 |
| | TD | | | 137 | 140 |
| Heat Shrinkage (150°C for 30 minutes) | MD | ASTM D1204 | % | 1.2 | 0.9 |
| | TD | | | 0.7 | 0.8 |
| Heat Shrinkage (190°C for 5 minutes) | MD | ASTM D1204 | % | 2.3 | 1.7 |
| | TD | | | 1.2 | 1.0 |
| Coefficient of Friction | A-side vs. B-side | ASTM D1894 | μ _s | 0.4 | 0.4 |
| | | | | μ _D | 0.3 |
| Haze (1 sheet) | | ASTM 1003 | % | 0.9 | 1.1 |

CONTACT

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WINDING DIRECTION

- A** = PLAIN PET (Surface Property Layer)
- B** = PLAIN PET (Surface Property Layer)



LUM PS-0010 Rev 6

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Lumirror® is a registered trademark of Toray Industries, Inc. for its range of Polyester Films based on Polyethylene Terephthalate (PET).

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