

LUMIRROR® U6V1

Applications

- Solar control window
- Overlaminates
- Outdoor labels



Lumirror U6V1

SUPER CLEAR UV STABILIZED THREE LAYER PET FILM, ONE SIDE COATED FOR ADHESION PROMOTION

Summary

U6V1 is a UV stabilized PET film with an adhesion promotion coating on one surface. It is used in solar window film applications and as an over-laminate for substrates which are vulnerable to ultra violet exposure.

Technical Data *

| PROPERTIES | | METHOD | UNITS | TYPICAL VALUES |
|--|-------------------|------------|---------------------|----------------|
| Thickness | | - | 0.00001" | 92 |
| Nominal Yield | | - | in ² /lb | 21,500 |
| F-5 | MD | ASTM D882 | lb/in ² | 14,800 |
| | TD | | | 13,800 |
| Tensile Strength at Break | MD | ASTM D882 | lb/in ² | 29,700 |
| | TD | | | 32,700 |
| Elongation at Break | MD | ASTM D882 | % | 170 |
| | TD | | | 150 |
| Heat Shrinkage (150°C for 30 minutes) | MD | ASTM D1204 | % | 1.2 |
| | TD | | | 0.4 |
| Heat Shrinkage (190°C for 5 minutes) | MD | ASTM D1204 | % | 2.1 |
| | TD | | | 0.7 |
| Coefficient of Friction | A-side vs. B-side | ASTM D1894 | μ_s | 0.4 |
| | | | μ_D | 0.3 |
| Haze (1 sheet) | | ASTM 1003 | % | 1.2 |

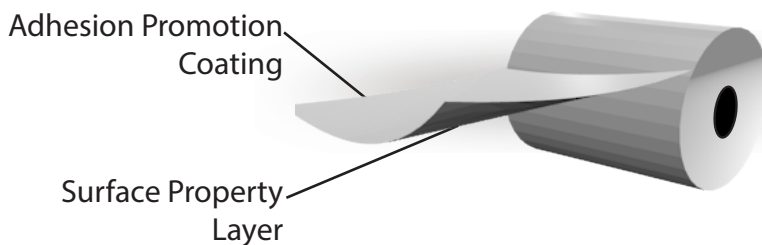
Key Features

- Co-extruded three layer structure allows very low haze and friction
- UV Protection up to 3-5 years for outdoor applications depending on the conditions
- Adhesion promotion coating for inks, adhesives, coatings, etc.

Similar Products

- U6V
- U65V
- U6W
- U6W3

Winding Direction



* These values do not constitute specific binding specifications

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