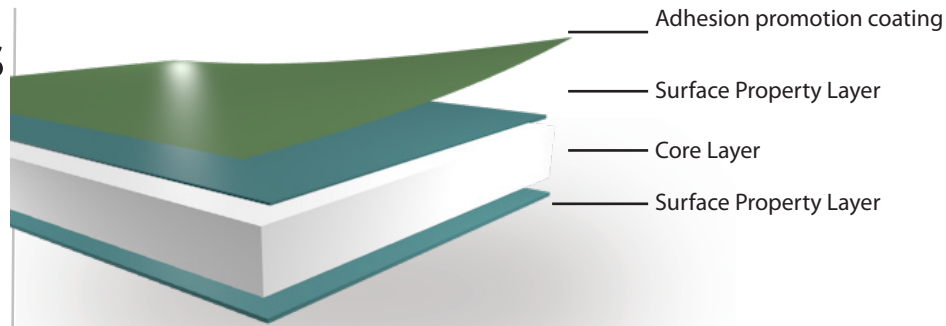


# Lumirror. U6L1

## Applications

- Solar control window
- Balance shrinkage



Lumirror U6L1

SUPER CLEAR THREE LAYER BALANCED  
SHRINK PET FILM, ONE SIDE COATED FOR  
ADHESION PROMOTION

## Summary

U6L1 is a super clear film with surface and optical properties that are strictly controlled by co-extrusion technology. U6L1 has balanced shrinkage and is one side is coated for adhesion promotion.

## Technical Data \*

PROPERTIES	METHOD	UNITS	TYPICAL VALUES	
Thickness	-	micron	23.4	50.8
Nominal Yield	-	m <sup>2</sup> /kg	30.5	14.1
F-5	MD	ASTM D882	Mpa	105
	TD			109
Tensile Strength at Break	MD	ASTM D882	Mpa	106
	TD			115
Young's Modulus	MD	ASTM D882	Mpa	223
	TD			208
Elongation at Break	MD	ASTM D882	%	4,658
	TD			4,462
Heat Shrinkage (150°C for 30 minutes)	MD	ASTM D1204	%	5,276
	TD			5,590
Coefficient of Friction	A-side vs. B-side	ASTM D1894	m <sub>s</sub>	170
			m <sub>b</sub>	160
Haze (1 sheet)	ASTM 1003	%	1.5	1.5
			1.4	1.9
Coefficient of Friction	A-side vs. B-side	ASTM D1894	m <sub>s</sub>	0.4
			m <sub>b</sub>	0.4
Haze (1 sheet)	ASTM 1003	%	0.3	0.3
			1.0	1.0

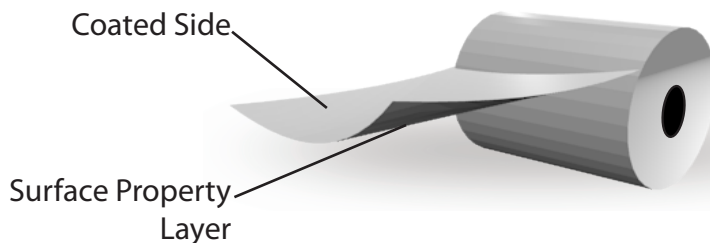
## Key Features

- Co-extruded three layer structure allows very low haze and friction
- One side is coated for adhesion promotion
- Balance Shrinkage

## Similar Products

- U6L
- U651

## Winding Direction



\* These values do not constitute specific binding specifications

DISCLAIMER: This information is believed to be correct as of the date of issue. Toray Plastics (America), Inc. MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE AND TAKES NO RESPONSIBILITY REGARDING THE SUITABILITY OF THIS INFORMATION FOR THE USER'S INTENDED PURPOSES OR FOR THE CONSEQUENCE OF ITS USE. User is responsible for determining whether the Toray Plastics (America), Inc. product is fit for a particular purpose and suitable for user's method or use of application. Given the variety of factors that can affect the use and application of Toray Plastics (America), Inc. products, which are uniquely within the user's knowledge and control, it is essential that the user make its own tests to determine the safety and suitability of each Toray Plastics (America), Inc. product or product combination for its own purpose.

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