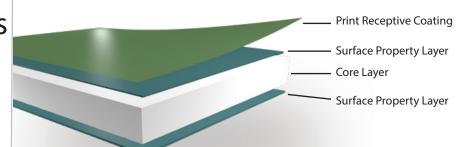
# **Applications**

- Graphic
- Over-laminate for label
- · Decorative



SUPER CLEAR THREE LAYER
PET FILM, ONE SIDE PRINT
RECEPTIVE COATING

# Summary

TA31 is a low haze multilayer PET film type intended for use as an over-laminate in label, graphic and optical applications. This film has a print receptive coating on one side.

Lumirror TA3



## Technical Data \*

PROPERTIES Thickness		METHOD -	UNITS micron	TYPICAL VALUES 23.4
F-5	MD	ASTM D882	Мра —	103
	TD			97
Tensile Strength at Break	MD	ASTM D882	Мра —	202
	TD			227
Elongation at Break	MD	ASTM D882	% —	160
	TD			130
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	% —	2.0
	TD			0.7
Coefficient of Friction	A-side vs. B-side	ASTM D1894	$\mu_{\text{S}}$	0.4
			$\mu_{\text{D}}$	0.3
Haze (1 sheet)		ASTM 1003	%	1.4

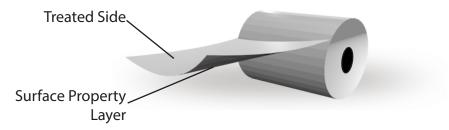
### Key Features

- Co-extruded three layer structure allows very low haze
- · In-line primer coating provides print receptivity

#### Similar Products

- U651
- **U65**
- **TA30**

## 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 Terephthlate (PET).