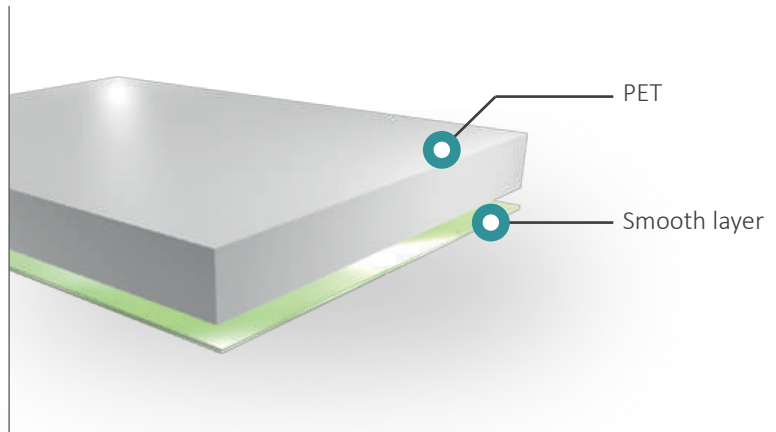


# Lumirror 10.44

## Application

- Metal deposition
- SiOx/AlOx deposition
- Security



PLAIN TRANSPARENT ASYMMETRICAL PET FILM WITH ONE SMOOTH SIDE

## Benefits

- High gloss
- High thermal stability
- Smooth layer optimised for metal deposition

## Typical Values *(These values do not constitute binding specifications)*

Properties	Test Method	Unit	12 µm
<b>YIELD</b>			
Unit Weight		g/m <sup>2</sup>	16.8
Area Yield		m <sup>2</sup> /kg	59.5
<b>MECHANICAL</b>			
Tensile Strength MD	ASTM D 882	daN/mm <sup>2</sup>	21
Tensile Strength TD			24
Elongation at Break MD	ASTM D 882	%	110
Elongation at Break TD			90
<b>THERMAL</b>			
Shrinkage 150°C 30mn MD	Internal Method	%	1.7
Shrinkage 150°C 30mn TD			0.4
<b>OPTICAL</b>			
Gloss on treated side	ASTM D523		200
Gardner Haze	ASTM D1003	%	2.5
<b>SURFACE</b>			
Coefficient of friction static	ASTM D1894		< 0.8
Coefficient of friction dynamic		< 0.8	
<b>BARRIER</b>			
OTR, 23°C - dry	ASTM F1927	cm <sup>3</sup> /m <sup>2</sup> .24h	120
MVTR, 23°C - 90% HR	ASTM F1249	g/m <sup>2</sup> .24h	40

## Regulation

Lumirror® 10.44 complies with European applicable requirements for food contact applications. For Toray's certification concerning specific applications with each product, please refer to the 'Declaration of Compliance'.

## Presentation of the rolls

**Roll packaging:** The rolls are suspended on standard paper core with internal diameter of 152.8mm. For all presentation, minimum roll width = 340mm and maximum roll width = 3400mm.

**Returnable packaging:** Wooden flanges, plastic flanges and pallets are returnable. The smooth side is identified on the roll label.



## Please contact us for...

- Any other presentation (width, length, core)
- Process for returnable packaging
- Any other information about typical values, measuring conditions, tolerances, deliveries...

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