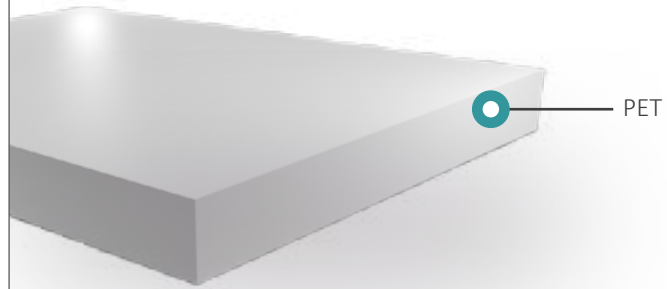


# Lumirror® 60.13

## Application

- Mat surface transfer
- Carrier film



MATT PET FILM

## Benefits

- Controlled permanent mat levels
- High dimensional stability
- Good flatness
- Excellent machinability and performance due to calibrated roughness

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To access Toray Films Europe's **certifications list**, please visit  
[www.torayfilms.eu/en/certifications](http://www.torayfilms.eu/en/certifications)

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

Properties	Test Method	Unit	50 µm	75 µm	100 µm
<b>YIELD</b>					
Unit Weight		g/m <sup>2</sup>	70	105	140
Area Yield		m <sup>2</sup> /kg	14.3	9.5	7.2
<b>MECHANICAL</b>					
Tensile Strength MD	ASTM D 882	daN/mm <sup>2</sup>	19	16	16
Elongation at Break MD		%	120	90	90
<b>THERMAL</b>					
Shrinkage 150°C 30mn MD	Internal Method	%	1.3	1.3	1.3
Shrinkage 150°C 30mn TD			0.5	0.5	0.5
<b>OPTICAL</b>					
Total Light Transmission	ASTM D1003	%	70	60	60
Gardner Haze			97	100	
Gloss at 60°	ASTM D523		30	33	33
<b>SURFACE</b>					
Roughness Ra	Internal Method	nm	220	220	220
Roughness Rz			1 900	2 100	2 100

## Regulation

Lumirror® 60.13 does not comply 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 = 2100mm.

**Returnable packaging:** Wooden flanges, plastic flanges and pallets are returnable.

## Please contact us for...

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

Lumirror® is a registered trademark of Toray Films Europe SAS - TFE February 2024

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