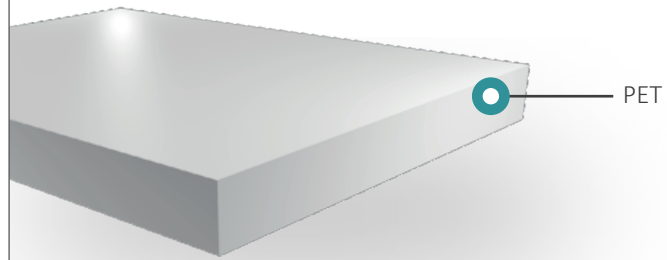


# Lumirror® 40.01

## Application

- Graphic arts applications requiring high quality appearance: post lamination...



A CLEAR SYMMETRICAL  
MICROROUGH PET FILM

## Benefits

- High clarity to visual light and UV
- Good machinability due to micro-roughness on both sides
- High dimensional stability
- Good flatness

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

Properties	Test Method	Unit	23 µm	36 µm	50 µm	71 µm	96 µm	125 µm	175 µm
<b>YIELD</b>									
Unit Weight		g/m <sup>2</sup>	32.2	50.4	70.0	99.4	134.4	175.0	245.0
Area Yield		m <sup>2</sup> /kg	31.1	19.8	14.3	10.1	7.4	5.7	4.1
<b>MECHANICAL</b>									
Tensile Strength MD	ASTM D882	daN/ mm <sup>2</sup>	26	23	22	21	20	21	20
Tensile Strength TD			28	25	25	23	22	22	22
Elongation at Break MD	ASTM D882	%	120	130	130	135	130	135	140
Elongation at Break TD			90	100	90	90	110	105	110
<b>THERMAL</b>									
Shrinkage 150°C 30mn MD	Internal Method	%	1.6	1.6	1.5	1.5	1.5	1.6	1.5
Shrinkage 150°C 30mn TD			1.0	0.7	1.3	1.2	0.4	0.4	0.7
<b>OPTICAL</b>									
Total Light Transmission	ASTM D1003	%	90	90	89	89	89	89	89
Gardner Haze			1.6	1.6	1.3	1.7	1.7	1.7	2.0
<b>SURFACE</b>									
Roughness Ra	Internal Method	nm	16	15	16	16	16	16	16
Roughness Rz			200	200	200	200	200	220	220

## Regulation

Lumirror® 40.01 complies with European legal requirements of 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.

## 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 June 2021

**DISCLAIMER:** This leaflet is provided for informational purpose only and is not binding, nor can it constitute specifications to the buyer. The information contained in this document is based on numerous tests and trials we have carried out in our laboratories. Deviations from the results thus obtained can therefore be experienced depending on the actual conditions of use. This document does not provide any guarantee with regard to compliance of our product with the typical values indicated, nor does it provide any guarantee as the suitability of our products for any particular use.