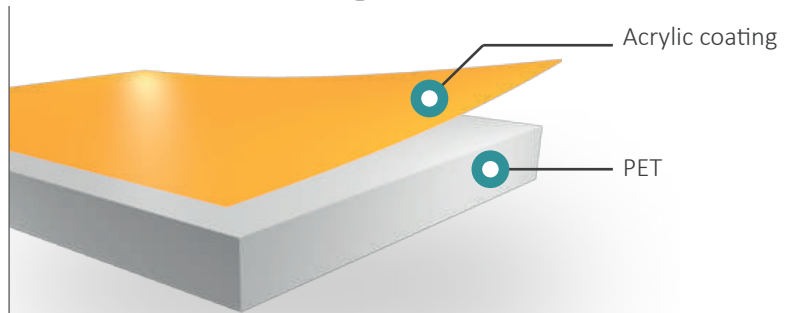


Lumirror® 42.31

Application

- Metallised and printed posters
 - Banners
 - Graphic arts
- Window boxes
 - Labels
 - Security



CLEAR ASYMMETRICAL PET
FILM WITH ONE SIDE TREATED

Benefits

- Clear film
- Good adhesion with various types of coatings (inks, adhesives...)
- High dimensional stability
- Excellent machinability

Toray Films Europe SAS,
Place d'Arménie,
01700 Saint-Maurice-de-Beynost, FRANCE

To access Toray Films Europe's **certifications list**, please visit
www.torayfilms.eu/en/certifications

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

Properties	Test Method	Unit	50 µm	71 µm	96 µm	125 µm	175 µm
YIELD							
Unit Weight		g/m ²	70.0	99.4	134.4	175.0	245.0
Area Yield		m ² /kg	14.3	10.1	7.4	5.7	4.1
MECHANICAL							
Tensile Strength MD	ASTM D 882	daN/mm ²	21	20	21	20	20
Tensile Strength TD			25	24	24	23	23
Elongation at Break MD		%	125	120	130	130	145
Elongation at Break TD			95	95	100	100	100
THERMAL							
Shrinkage 150°C 30mn MD	Internal Method	%	1.3	1.5	1.5	1.4	1.4
Shrinkage 150°C 30mn TD			0.5	0.4	0.4	0.4	0.4
OPTICAL							
Total Light Transmission TLT	ASTM D1003	%	90	90	90	90	90
Gardner Haze			1.5	1.6	1.5	1.7	1.9
SURFACE							
Roughness Ra	Internal Method	nm	15	16	16	15	15
Roughness Rz			200	200	150	170	200

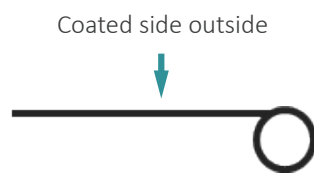
Regulation

Lumirror® 42.31 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. The treated 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...

Lumirror® is a registered trademark of Toray Films Europe SAS - TFE March 2023

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.