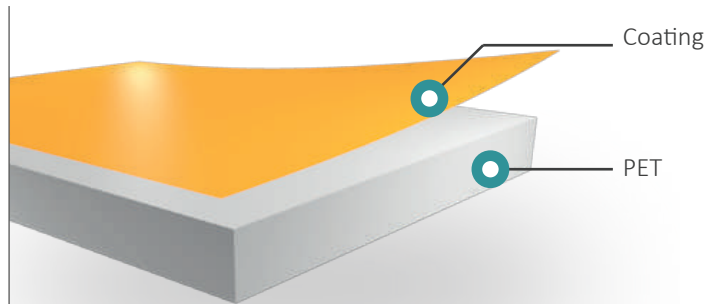


Lumirror 41.31

Application

- Flexible printed circuits
- Optical applications
- Surface smoothness transfer



ULTRA CLEAR PET FILM WITH ONE SIDE CHEMICALLY TREATED

Benefits

- High transparency (visible and UV)
- Ink adhesion (conductive, solvent-based and UV inks)
- Smooth side
- Good machinability

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

Properties	Test Method	Unit	75 µm	100 µm	125 µm	175 µm
YIELD						
Unit Weight		g/m ²	105	140	175	245
Area Yield		m ² /kg	9.5	7.1	5.7	4.1
MECHANICAL						
Tensile Strength MD	ASTM D 882	daN/mm ²	18	20	21	19
Tensile Strength TD			22	20	23	21
Elongation at Break MD	ASTM D 882	%	160	140	130	150
Elongation at Break TD			120	130	110	115
THERMAL						
Shrinkage 150°C 30mn MD	Internal Method	%	1.1	1.5	1.4	1.0
Shrinkage 150°C 30mn TD			0.3	0.5	0.4	0.3
OPTICAL						
Gardner Haze	ASTM D1003	%	0.8	0.5	0.8	0.9
Total Light Transmission			91	91	91	91
SURFACE						
Roughness Ra	Internal Method	nm	13	13	13	14
Roughness Rz			140	140	150	140

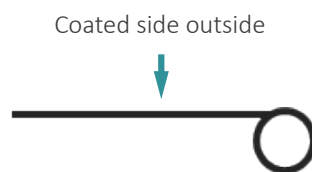
Regulation

Lumirror® 41.31 does **not** comply 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 coated 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 April 2021

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