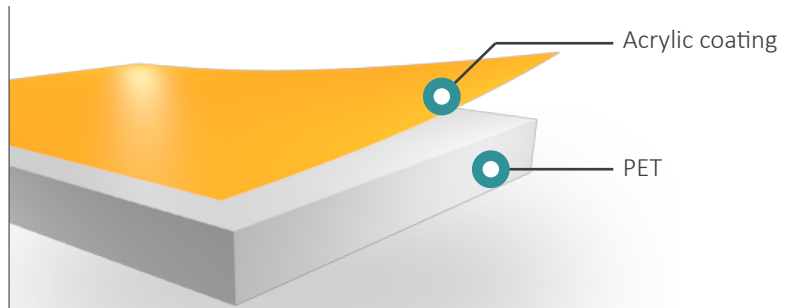


Lumirror® 10.31

Application

- High quality printing laminates
- Not suitable for converting in humid processes such as hot filling, pasteurization or sterilization



ASYMMETRICAL PET FILM
WITH ONE COATED SIDE

Benefits

- Improved adhesion of inks, adhesives on the treated side
- Excellent mechanical properties
- High thermal stability
- Good machinability due to surface roughness

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	4.5 µm	6 µm	8 µm	12 µm
YIELD						
Unit Weight		g/m ²	6.3	8.4	11.2	16.8
Area Yield		m ² /kg	158.7	119	89.3	59.5
MECHANICAL						
Tensile Strength MD	ASTM D 882	daN/mm ²	23	24	23	21
Tensile Strength TD			21	22	22	21
Elongation at Break MD	ASTM D 882	%	70	82	90	100
Elongation at Break TD			95	98	100	100
THERMAL						
Shrinkage 150°C 30mn MD	Internal Method	%	2.0	2.0	2.0	1.8
Shrinkage 150°C 30mn TD			0.3	0.3	0.5	0.5
OPTICAL						
Gardner Haze	ASTM D1003	%	3.0	3.5	3.5	3.5
SURFACE						
Surface tension (coated side)	Internal Method	mN/m	43	43	43	43
Surface tension (PET side)			48	48	48	48
COF (plain/plain) static	ASTDM D1894		0.65	0.65	0.65	0.65
COF (plain/plain) dynamic			0.5	0.5	0.5	0.5

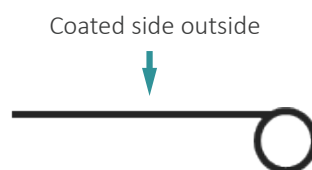
Regulation

Lumirror® 10.31 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 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 September 2025

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