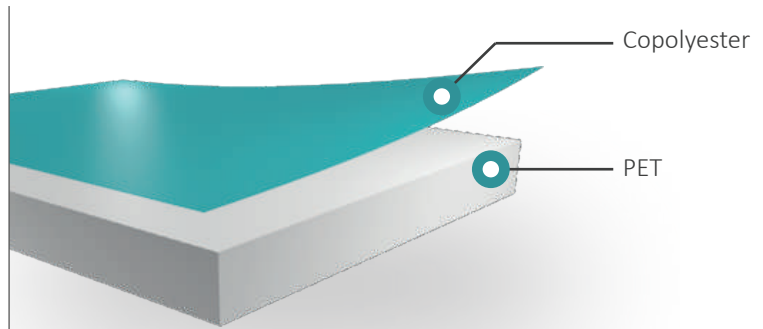


Lumirror 10.21

Application

- High quality printed packaging applications
- Thermal treatment



ASYMMETRICAL PET FILM
WITH ONE COEXTRUDED SIDE

Benefits

- Resistance to thermal treatment
- Improved adhesion of inks, adhesives, cold seal and polyethylene on treated side
- High thermal stability
- Good machinability due to surface roughness

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

Properties	Test Method	Unit	12 µm	15 µm	18 µm	23 µm	36 µm
YIELD							
Unit Weight		g/m ²	16.8	21.0	25.2	32.2	50.4
Area Yield		m ² /kg	59.5	47.6	39.7	31	19.8
MECHANICAL							
Tensile Strength MD/TD	ASTM D 882	daN/mm ²	21/23	20/21	21/23	22/25	22/25
Elongation at Break MD/TD		%	120/95	107/85	120/95	139/101	142/117
THERMAL							
Shrinkage 150°C 30mn MD/TD	Internal Method	%	1.5/0.8	1.7/0.1	1.5/0.5	1.6/0.5	1.5/0.6
OPTICAL							
Gardner Haze	ASTM D1003	%	2.5	3.5	2.9	2.9	5.1
SURFACE							
Coefficient of friction (plain/plain) static dynamic	ASTDM D1894		0.62 0.5	0.5 0.4	0.65 0.5	0.65 0.5	0.65 0.5
BARRIER							
OTR, 23°C - dry	ASTM F1927	cm ³ /m ² .24h	120	96	85	63	40
MVTR, 23°C - 90% HR	ASTM F1249	g/m ² .24h	40	32	28	21	13

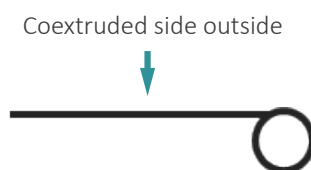
Regulation

Lumirror® 10.21 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 coextruded 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 January 2019

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.