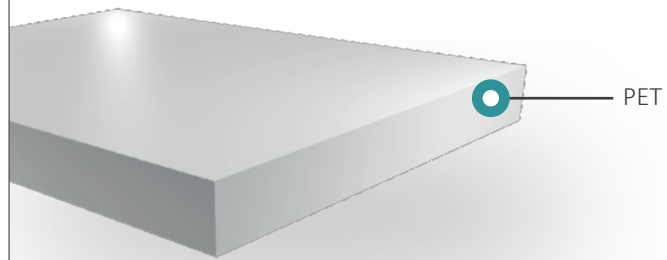


Lumirror® 60.61

Application

- Electrical insulation
- Mold release
- Release liner



WHITE OPAQUE
PET FILM

Benefits

- White opaque
- High dimensional stability
- Good flatness
- UL 94 VTM-2
- UL 746B (105°C)

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

Properties	Test Method	Unit	23 µm	36 µm	50 µm	75 µm	100 µm	125 µm	150 µm	190 µm	250 µm
YIELD											
Unit Weight		g/m ²	32.2	50.4	70	105	140	175	210	266	350
Area Yield		m ² /kg	31.1	19.8	14.3	9.5	7.1	5.7	4.8	3.8	2.9
MECHANICAL											
Tensile Strength MD	ASTM D 882	daN/mm ²	19	19	18	19	20	20	20	20	18
Elongation at Break MD			%	135	140	140	125	130	130	140	145
THERMAL											
Shrinkage 150°C 30mn MD	Internal Method	%	1.4	1.4	1.3	1.3	1.4	1.5	1.4	1.6	1.1
Shrinkage 150°C 30mn TD			0.1	0.0	0.1	0.2	0.2	0.2	0.1	0.4	0.3
OPTICAL											
Total Light transmittance	ASTM D1003	%	70	55	55	55	55	50	50	60	50
SURFACE											
Roughness Ra	Internal Method	nm	30	30	32	30	35	40	38	30	35
Roughness Rz			500	700	700	550	600	650	600	666	650
ELECTRICAL											
Break down voltage	ASTM D149	kV	*	*	*	*	*	*	*	17	*
Volume resistivity	ASTM D257	Ω	*	*	*	*	*	*	*	5*10 ¹⁶	*

Regulation

Lumirror® 60.61 does **not** comply with European applicable requirements for food contact applications. For Toray's certification concerning specific applications with each product, please refer to the 'Declaration of Compliance'. Lumirror® 60.61 is in accordance with UL 94 VTM2 and with UL 746B (105°C) at 190µm.

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 = 2100mm.

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 March 2021

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