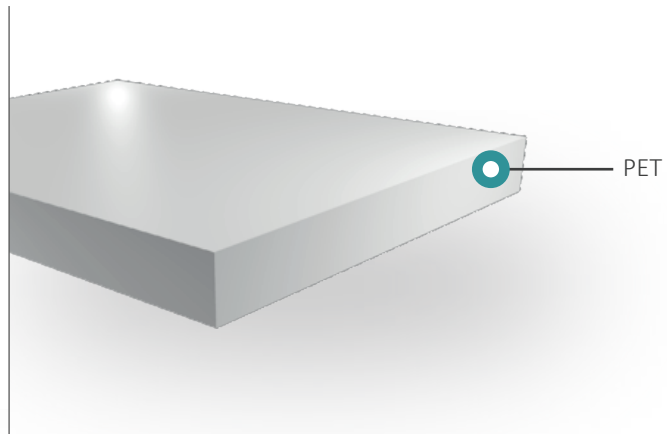


# Lumirror® XTRM PVW

## Application

- Photovoltaic backsheets



WHITE OPAQUE HYDROLYSIS RESISTANT  
UV STABLE ASYMMETRICAL PET FILM

## Benefits

- White opaque
- Excellent ageing behaviour
- Long term colour stability
- Hydrolysis resistance
- High dimensional stability
- Good flatness
- Electrical insulation

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

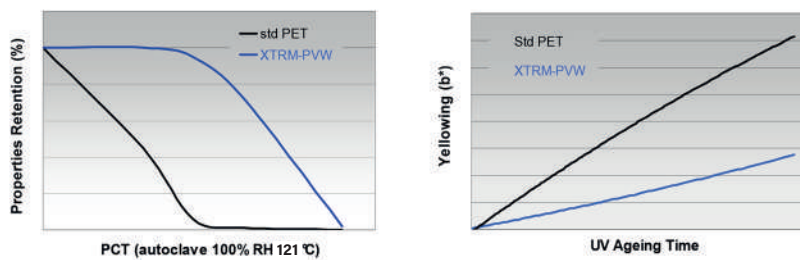
To access Toray Films Europe's **certifications list**, please visit  
[www.torayfilms.eu/en/certifications](http://www.torayfilms.eu/en/certifications)

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

Properties	Test Method	Unit	50 µm	160 µm	170µm
<b>YIELD</b>					
Unit Weight		g/m <sup>2</sup>	71.6	224.0	237.0
Area Yield		m <sup>2</sup> /kg	14.0	4.5	4.22
<b>MECHANICAL</b>					
Tensile Strength MD	ASTM D 882	daN/mm <sup>2</sup>	23	21	22
Tensile Strength TD			25	21	21
Elongation at Break MD	ASTM D 882	%	105	130	130
Elongation at Break TD			90	130	115
<b>THERMAL</b>					
Shrinkage 150°C 30mn MD	ASTM D1204	%	1.8	0.9	1.0
Shrinkage 150°C 30mn TD			0.6	0.3	0.3
<b>OPTICAL</b>					
Total Light Transmission (TLT)	ASTM D 1003	%	39	21	20

## Application

Comparison between a standard PET film and Lumirror® XTRM PVW film under UV radiation, heat and humidity.



## Regulation

Lumirror® XTRM PVW does **not** comply with European legal requirements of food contact applications due to its specific treatment. Lumirror® XTRM PVW is in accordance with UL746B (130°C).

## 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.



Laminated side inside

## Please contact us for...

- Any other presentation (width, length, core)
- Process for returnable packaging
- Any other information about typical values, measuring conditions, tolerances, deliveries...

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