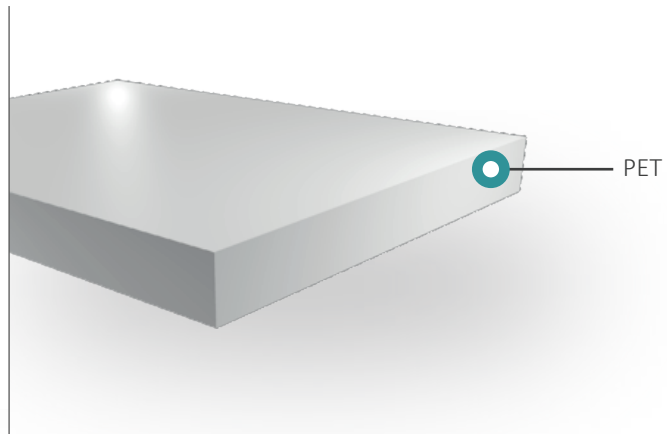


Lumirror XTRM PVW

Application

- Photovoltaic backsheets



WHITE OPAQUE HYDROLYSIS RESISTANT
UV STABLE ASYMMETRICAL PET FILM

Benefits

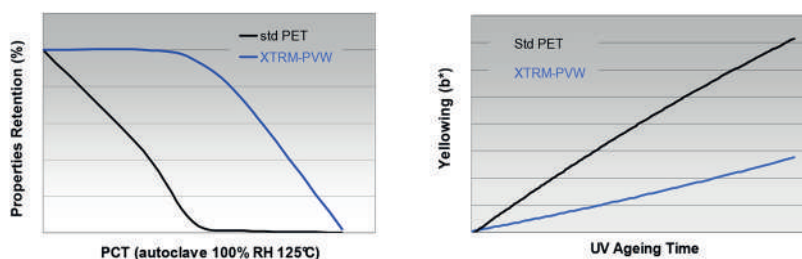
- White opaque
- Excellent ageing behaviour
- Long term colour stability
- Hydrolysis resistance
- High dimensional stability
- Good flatness
- Electrical insulation

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

| Properties | Test Method | Unit | 50 µm | 160 µm | 170µm | 185 µm | 310 µm |
|--------------------------------|-------------|---------------------|-------|--------|---------|---------|---------|
| YIELD | | | | | | | |
| Unit Weight | | g/m ² | 71.6 | 224 | 237 | 265 | 444 |
| Area Yield | | m ² /kg | 14 | 4.5 | 4.22 | 3.77 | 2.24 |
| MECHANICAL | | | | | | | |
| Tensile Strength MD/TD | ASTM D 882 | daN/mm ² | 22/26 | 21/21 | 22/20 | 22/20 | 19/20 |
| Elongation at Break MD/TD | | | % | 110/90 | 127/103 | 122/120 | 130/120 |
| THERMAL | | | | | | | |
| Shrinkage 150°C 30mn MD | ASTM D1204 | % | 2 | 1.1 | 1.1 | 1.2 | 1.2 |
| Shrinkage 150°C 30mn TD | | | 0.8 | 0.4 | 0.3 | 0.3 | 0.5 |
| OPTICAL | | | | | | | |
| Total Light Transmission (TLT) | ASTM D 1003 | % | 40 | 22 | 20 | 21 | 10 |

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.



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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