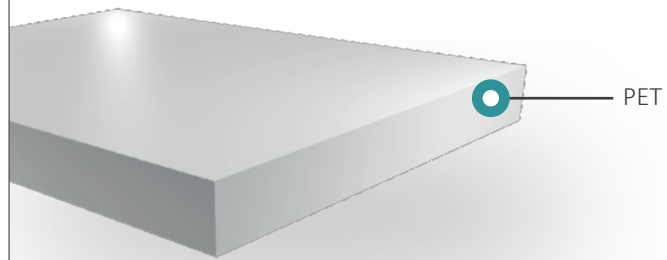


# Lumirror 54.41

## Application

- Stationary
- High speed printing equipment
- Graphic arts



CLEAR SYMMETRICAL PET  
FILM WITH HIGH ROUGHNESS

## Benefits

- Clear film
- Good flatness
- Excellent machinability due to high roughness on both sides
- UL 94 VTM-2
- UL 746B (105°C)

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

| Properties              | Test Method     | Unit                | 75 µm | 100 µm | 125 µm | 175 µm |
|-------------------------|-----------------|---------------------|-------|--------|--------|--------|
| <b>YIELD</b>            |                 |                     |       |        |        |        |
| Unit Weight             |                 | g/m <sup>2</sup>    | 105   | 140    | 175    | 245    |
| Area Yield              |                 | m <sup>2</sup> /kg  | 9.5   | 7.1    | 5.7    | 4.1    |
| <b>MECHANICAL</b>       |                 |                     |       |        |        |        |
| Tensile Strength MD     | ASTM D 882      | daN/mm <sup>2</sup> | 20    | 20     | 20     | 20     |
| Elongation at Break MD  |                 |                     |       |        |        |        |
| <b>THERMAL</b>          |                 |                     |       |        |        |        |
| Shrinkage 150°C 30mn MD | Internal Method | %                   | 1.3   | 1.3    | 1.5    | 1.4    |
| Shrinkage 150°C 30mn TD |                 |                     |       |        |        |        |
| <b>OPTICAL</b>          |                 |                     |       |        |        |        |
| Gardner Haze            | ASTM D1003      |                     | 3.0   | 3.5    | 3.2    | 4.0    |
| <b>SURFACE</b>          |                 |                     |       |        |        |        |
| Roughness Ra            | Internal Method | nm                  | 16    | 13     | 13     | 16     |
| Roughness Rz            |                 |                     |       |        |        |        |

## Regulation

Lumirror® 54.41 complies 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® 54.41 is in accordance with UL 94 VTM2 for 175 µm and with UL 746B (105°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...

Lumirror® is a registered trademark of Toray Films Europe SAS - TFE October 2020

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