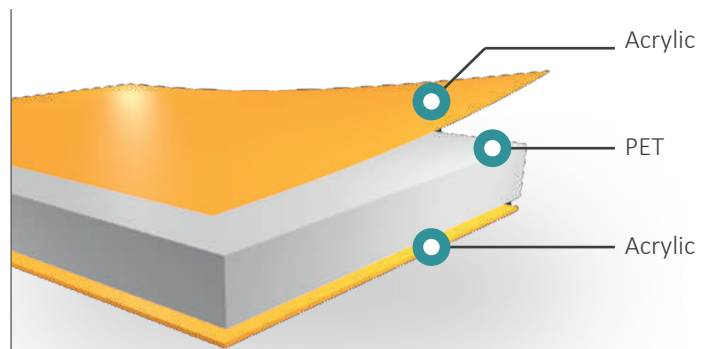


# Lumirror 42.32

## Application

- Metallised and printed posters
  - Banners
  - Graphic arts
- Window boxes
  - Security



CLEAR SYMMETRICAL MICROROUGH PET FILM WITH TWO SIDES TREATED

## Benefits

- Clear film
- Good adhesion with various types of coatings (inks, adhesives...)
- High dimensional stability
- Excellent machinability due to high roughness

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

| Properties                   | Test Method     | Unit                | 50 µm | 71 µm | 96 µm | 125 µm | 175 µm |
|------------------------------|-----------------|---------------------|-------|-------|-------|--------|--------|
| <b>YIELD</b>                 |                 |                     |       |       |       |        |        |
| Unit Weight                  |                 | g/m <sup>2</sup>    | 70.0  | 99.4  | 134.4 | 175.0  | 245.0  |
| Area Yield                   |                 | m <sup>2</sup> /kg  | 14.3  | 10.1  | 7.4   | 5.7    | 4.1    |
| <b>MECHANICAL</b>            |                 |                     |       |       |       |        |        |
| Tensile Strength MD          | ASTM D 882      | daN/mm <sup>2</sup> | 20    | 20    | 21    | 20     | 19     |
| Elongation at Break MD       |                 | %                   | 125   | 130   | 130   | 130    | 140    |
| <b>THERMAL</b>               |                 |                     |       |       |       |        |        |
| Shrinkage 150°C 30mn MD      | Internal Method | %                   | 1.3   | 1.3   | 1.2   | 1.4    | 1.4    |
| Shrinkage 150°C 30mn TD      |                 |                     | 0.4   | 0.4   | 0.2   | 0.4    | 0.3    |
| <b>OPTICAL</b>               |                 |                     |       |       |       |        |        |
| Total Light Transmission TLT | ASTM D1003      | %                   | 90    | 90    | 90    | 90     | 90     |
| Garner Haze                  |                 |                     | 1.6   | 1.9   | 1.9   | 1.9    | 2.3    |
| <b>SURFACE</b>               |                 |                     |       |       |       |        |        |
| Roughness Ra                 | Internal Method | nm                  | 15    | 15    | 16    | 16     | 13     |
| Roughness Rz                 |                 |                     | 160   | 160   | 160   | 160    | 160    |

## Regulation

Lumirror® 42.32 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.

## 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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