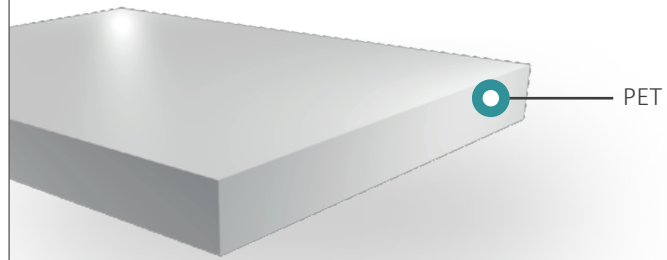


Lumirror 44.41

Application

- Designed for all industrial applications requiring high clarity



CLEAR SYMMETRICAL
MICROROUGH PET FILM

Benefits

- High dimensional stability
- High clarity to visual light and UV
- Good machinability due to microroughness on both sides
- UL 746 B certified

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

Properties	Test Method	Unit	19 µm	23 µm	36 µm	50 µm	71 µm	96 µm	125 µm	175 µm
YIELD										
Unit Weight		g/m ²	26.6	32.2	50.4	70	99.4	134.4	175	245
Area Yield		m ² /kg	40	31.1	19.8	14.3	10.1	7.4	5.7	4.1
MECHANICAL										
Tensile Strength MD/TD	ASTM D 882	daN/mm ²	22	22	22	21	22	21	20	19
Elongation at Break MD/TD		%	147	147	147	136	133	139	141	141
THERMAL										
Shrinkage 150°C 30mn MD	Internal Method	%	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5
Shrinkage 150°C 30mn TD			0.6	0.5	0.5	1.4	1.4	0.6	0.6	0.6
OPTICAL										
Total Light Transmission	ASTM D1003	%	90	89	89	89	89	89	89	89
Gardner Haze			1.6	1.3	1.6	1.2	1.2	1.6	1.6	1.6
SURFACE										
Roughness Ra	Internal Method	nm	15	14	15	8	8	9	9	9
Roughness Rz			200	200	230	233	237	277	251	225

Regulation

Lumirror® 44.41 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'. Lumirror® 44.41 is in accordance for all thicknesses with UL 746 B (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 = 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...

Lumirror® is a registered trademark of Toray Films Europe SAS - TFE January 2018

DISCLAIMER: This leaflet is provided for informational purpose only and is not binding, nor can it constitute specifications to the buyer. The information contained in this document is based on numerous tests and trials we have carried out in our laboratories. Deviations from the results thus obtained can therefore be experienced depending on the actual conditions of use. This document does not provide any guarantee with regard to compliance of our product with the typical values indicated, nor does it provide any guarantee as the suitability of our products for any particular use.