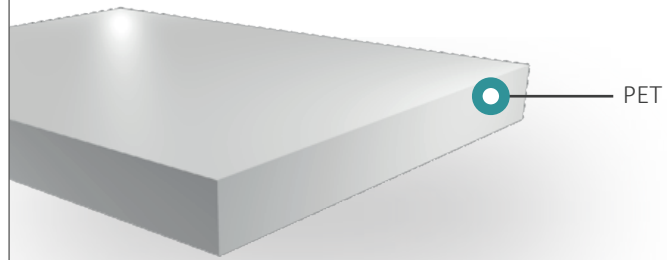


Lumirror 40.01

Application

- Graphic arts applications requiring high quality appearance: post lamination...



A CLEAR SYMMETRICAL
MICROROUGH PET FILM

Benefits

- High clarity to visual light and UV
- Good machinability due to micro-roughness on both sides
- High dimensional stability
- Good flatness

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 D882	daN/mm ²	22	22/25	22/27	21	22	21	20	19
Elongation at Break MD/TD		%	147	147/109	152/123	133	135	140	142	142
THERMAL										
Shrinkage 150°C 30mn MD	Internal Method	%	1.6	1.6	1.5	1.3	1.5	1.5	1.5	1.5
Shrinkage 150°C 30mn TD			0.6	0.6	0.5	1.2	1.4	0.6	0.6	0.6
OPTICAL										
Total Light Transmission	ASTM D1003	%	90	90.5	90	89	89	89	89	89
Gardner Haze			1.6	1.6	1.6	1.2	1.2	1.6	1.6	1.6
SURFACE										
Roughness Ra	Internal Method	nm	15	15	12	7	8	9	9	9
Roughness Rz			200	200	329	229	230	274	251	226

Regulation

Lumirror® 40.01 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...

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

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