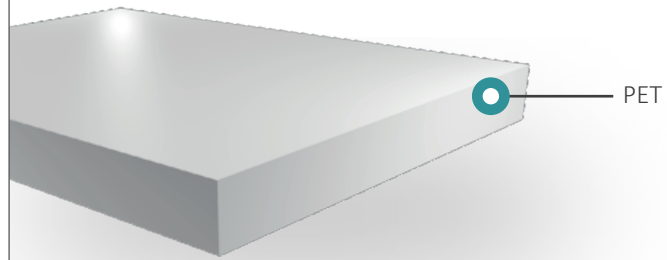


Lumirror.40.60

Application

- High end graphic art applications
 - Metallised banners
 - In Mold decoration



CLEAR SYMMETRICAL
MICROROUGH PET FILM

Benefits

- Base film for metallisation
- 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® 40.60 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® 40.60 is in accordance for 96 and 125µm with UL 947 VTM2 and 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, delivered...

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

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