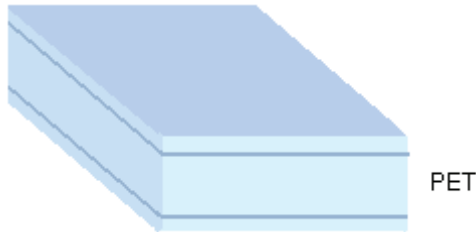


Lumirror® 60.01



PET

Lumirror® 60.01 is a standard plain polyester film designed for printing and industrial applications.

BENEFITS

- High dimensional stability
- Good flatness
- Excellent machinability due to its high roughness

TYPICAL VALUES *These values DO NOT constitute binding specifications*

Properties	Test Method	Unit	Nominal Thickness (µm)									
			12	23	30	36	50	75	100	125	190	250
YIELD	Unit Weight	g/m ²	16.8	32.2	42.0	50.4	70.0	105.0	140.0	175.0	266.0	350.0
	Area yield	m ² /kg	59.5	31.1	23.8	19.8	14.3	9.5	7.1	5.7	3.8	2.9
MECHANICAL	Tensile Strength MD	ASTM D 882	22	22	22	22	20	20	20	20	18	17
	Elongation at Break MD	ASTM D 882	130	130	130	130	130	130	145	140	170	190
THERMAL	Shrinkage 150°C 30mn MD	Internal method	1.6	1.5	1.5	1.5	1.8	1.3	1.3	1.5	1.1	1.1
	Shrinkage 150°C 30mn TD		0.5	0.1	-0.2	-0.1	-0.1	0.3	0.4	0.3	0.5	0.4
OPTICAL	GARDNER Haze	ASTM D1003	3.2	4.0	7.0	8.0	9.5	13.5	18.3	18.7	22.2	30.0
SURFACE	Roughness Ra	Internal method	40	40	40	40	45	30	30	30	30	40
	Roughness Rz		400	380	450	470	500	600	680	710	750	950
ELECTRICAL	Break down voltage	ASTM D149	*	*	*	*	*	*	*	*	22	27
	Volume resistivity	ASTM D257	*	*	*	*	*	*	*	*	3*10 ¹⁸	1.6*10 ¹⁸

MD for Machine Direction ; TD for Transversal Direction ; * not required for application

REGULATION

Lumirror® 60.01 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® 60.01 is in accordance with UL 94 VTM2 from 50µm and with UL746B (105°C) for all thicknesses.

APPLICATIONS – CONVERTING

Lumirror® 60.01 is suitable for most of the applications requiring excellent machinability : electrical insulation, mould release, printing, siliconizing, adhesive release coating, photovoltaic backsheets . .

This film is recommended for printing or coating using resins suitable for polyester films.

This is an excellent base film for converting due to its high roughness surface characteristics.

PRESENTATION OF THE ROLLS

Roll packaging : the rolls are suspended on standard paper core with internal diameter of 152.8 mm. 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, delivered certificates.

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 to the suitability of our products for any particular use.*

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ISO 9001
ISO 14001
OHSAS 18001

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