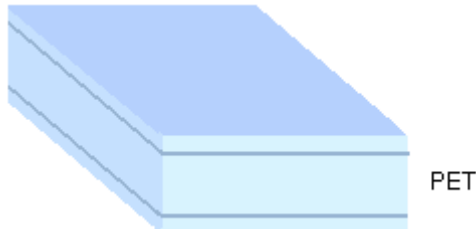


Lumirror® 60.61



PET

Lumirror® 60.61 is a white opaque polyester film with high roughness.

BENEFITS

- White opaque
- 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)							
			23	36	50	75	125	190	250	
YIELD										
Unit Weight		g/m ²	32.2	50.4	70.0	105.0	175.0	266.0	350.0	
Area yield		m ² /kg	31.1	19.8	14.3	9.5	5.7	3.8	2.9	
MECHANICAL										
Tensile Strength MD	ASTM D 882	daN/mm ²	19	19	20	21/26	21	20	19	
Elongation at Break MD		%	136	146	126	127/91	138/	173	183	
THERMAL										
Shrinkage 150°C 30mn MD	Internal method	%	1.5	1.4	1.5	2.0	1.7	1.4	1.4	
Shrinkage 150°C 30mn TD		%	0.1	0.0	0.1	0.9	0.6	0.5	0.4	
SURFACE										
Roughness Ra	Internal method	nm	30	30	32	49	38	28	46	
Roughness Rz		nm	342	353	350	760	679	636	866	
OPTICAL										
Total light transmittance	ASTM D1003	%	80	75	68	42	51	40	40	
ELECTRICAL										
Break down voltage	ASTM D149	kV						17		
Volume resistivity	ASTM D257	Ω.cm						5*10 ¹⁶		

MD for Machine Direction ; TD for Transversal Direction

REGULATION

Lumirror® 60.61 do not comply 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® 60.61 is in accordance with UL 94 VTM2 and with UL746B (105°C) at 190µm.

APPLICATIONS – CONVERTING

Lumirror® 60.61 is suitable for most of the applications requiring excellent machinability : 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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