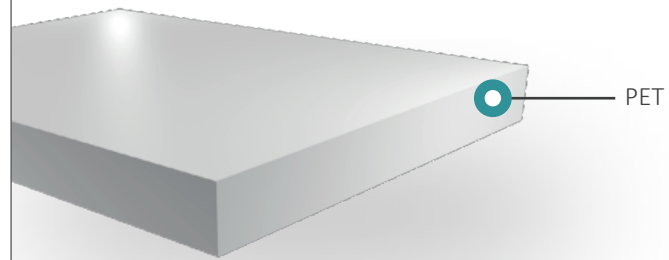


Lumirror® F53

Application

- Thermal Transfer Ribbon (TTR)



PLAIN PET FILM DESIGNED FOR THERMAL TRANSFER RIBBONS

Benefits

- Adapted mechanical and thermal properties dedicated to the thermal transfer use
- Excellent thickness regularity and flatness
- Microroughness and thickness uniformity

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

Properties	Test Method	Unit	4µm	4.5 µm	5.7 µm
YIELD					
Unit Weight		g/m ²	5.6	6.3	8.0
Area Yield		m ² /kg	178.6	158.7	125.3
MECHANICAL					
Tensile Strength MD	ASTM D 882	daN/mm ²	29	31	28
Tensile Strength TD			25	26	25
Elongation at Break MD	ASTM D 882	%	77	86	94
Elongation at Break TD			77	95	98
THERMAL					
Shrinkage 150°C 30mn MD	Internal Method	%	2.5	2.4	2.2
Shrinkage 150°C 30mn TD			1.0	0.6	0.5
OPTICAL					
Gardner Haze	ASTM D 1003	%	9	9.5	10
SURFACE					
Roughness Ra	Internal Method	nm	128	134	143
Roughness Rz		nm	993	928	894

Regulation

Lumirror® F53 does **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'.

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 = 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, deliveries...

Lumirror® is a registered trademark of Toray Films Europe SAS - TFE November 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.