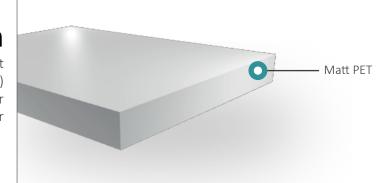


Lumirror® 60.12

Application

- Rough transfer on different plastic substrate (PVC, PU...)
 - Sublimation inks transfer
 - Release liner



SUPER MATT HIGH ROUGHNESS PET FILM

Benefits

- Controlled matt and gloss levels
- Permanent matt aspect
- Excellent performance due to calibrated roughness
- High dimensional stability
- Good flatness
- Adapted to all demanding applications
- High surface roughness

Toray Films Europe SAS,

Place d'Arménie,

01700 Saint-Maurice-de-Beynost, FRANCE

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

Properties	Test Method	Unit	20 μm	23 μm	75 μm	100 μm
YIELD						
Unit Weight		g/m²	28.0	32.2	105.0	140.0
Area Yield		m²/kg	35.8	31.1	9.52	7.14
MECHANICAL						
Tensile Strength MD	ASTM D 882	daN/mm²	17	17	16	18
Tensile Strength TD			15	17	17	19
Elongation at Break MD	ASTM D 882	%	65	70	107	110
Elongation at Break TD			75	77	85	90
THERMAL						
Shrinkage 150°C 30mn MD		- %	1.5	1.6	1.3	1.4
Shrinkage 150°C 30mn TD			0.3	0.3	0.2	0.2
OPTICAL						
Total Light Transmission	ASTM D1003	%	77	76	54	48
Gardner Haze			98	98	100	100
Gloss at 60°	ASTM D523		18	17	12	12
SURFACE						
Roughness Ra	Internal Method	nm	450	450	400	400
Roughness Rz			3200	3200	3000	3000
	·					

Regulation

Lumirror® 60.12 does **not** comply with European applicable requirements for food contact applications.

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...

 $\textbf{Lumirror}^{\text{@}} \text{ is a registered trademark of Toray Films Europe SAS - TFE March 2023}$

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