

Lumirror® 60.12

Application

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



Lumirror® 60.12

**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

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To access Toray Films Europe's **certifications list**, please visit
www.torayfilms.eu/en/certifications

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/m ²	28.0	32.2	105.0	140.0
Area Yield		m ² /kg	35.8	31.1	9.52	7.14
MECHANICAL						
Tensile Strength MD	ASTM D 882	daN/mm ²	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...

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