

Lumirror.mt70

Applications

- Board lamination
- Decorative
- High reflective
- Mirror replacement

— Core Layer

Metal Layer

ONE SIDE METALLIZED PET FILM WITH VERY HIGH GLOSS

Summary

MT70 is a metallized polyester used for decorative applications that require high gloss or mirror type appearance.

Product Data Sheet

www.toraytpa.com rimarketing@toraytpa.com Toray Plastics (America), Inc. 50 Belver Avenue North Kingstown, RI 02852 1.800.453.6866



Product Data Sheet

🖉 Technical Data 卷

PROPERTIES		METHOD	UNITS		
Thickness		-	micron	12.2	23
Nominal Yield		-	m2/kg	58.5	31.1
Tensile Strength at Break	MD	ASTM D882	Мра 🗕	272	205
	TD			253	226
Young's Modulus	MD	ASTM D882	Mpa 🗕	5,080	4,678
	TD			5,207	4,923
Heat Shrinkage (150°C for 30 minutes)	MD	ASTM D1204	% -	1.6	1.2
	TD			0.8	0.4
Coefficient of Friction	A-side vs. B-side	ASTM D1894	μ _s	0.5	0.5
			μ _D	0.4	0.4
Optical Density		ASTM 1003		2.0	2.0

Key Features

- Used in decorative applications
- High gloss
- · Excellent dimesional stability at higher temperatures
- Provides a mirror like appearance
- High strength and good handling properties

Similar Products

- MT60
- MA13

Winding Direction



* These values do not constitute specific binding specifications

DISCLAIMER: This information is believed to be correct as of the date of issue. Toray Plastics (America), Inc. MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE AND TAKES NO RESPONSIBILITY REGARDING THE SUITABILITY OF THIS INFORMATION FOR THE USER'S INTENDED PURPOSES OR FOR THE CONSEQUENCE OF ITS USE. User is responsible for determining whether the Toray Plastics (America), Inc. product is fit for a particular purpose and suitable for user's method or use of application. Given the variety of factors that can affect the use and application of Toray Plastics (America), Inc. products, which are uniquely within the user's knowledge and control, it is essential that the user make its own tests to determine the safety and suitability of each Toray Plastics (America), Inc. product or product combination for its own purpose.

Lumirror * is a registered trademark of Toray Industries, Inc. for its range of Polyester Films based on Polyethylene Terephthlate (PET).