

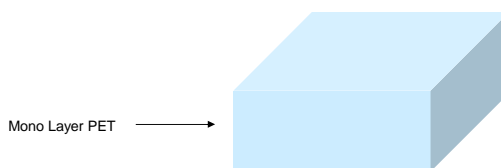
TORAY

Innovation by Chemistry

Lumirror® A53

Technical Data Sheet

STRUCTURE



KEY FEATURES

- Good mechanical properties
- Heat stability
- Good handling properties

TECHNICAL DATA

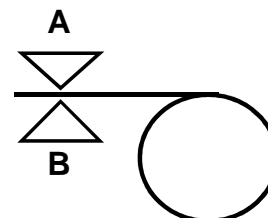
PROPERTIES		METHOD	UNITS	TYPICAL VALUES		
Thickness		-	0.00001"	17.7	22.4	25.0
Nominal Yield		-	in ² /lb	111,700	88,300	79,100
F-5	MD	ASTM D882	lb/in ²	16,500	16,500	16,600
	TD			14,400	14,500	14,800
Tensile Strength at Break	MD	ASTM D882	lb/in ²	43,200	44,100	37,500
	TD			34,700	35,600	36,300
Elongation at Break	MD	ASTM D882	%	88	96	90
	TD			104	107	115
Heat Shrinkage (150°C for 30 minutes)	MD	ASTM D1204	%	2.0	2.0	2.0
	TD			1.0	1.0	1.0
Coefficient of Friction	A-side vs. B-side	ASTM D1894	μ _s	0.5	0.5	0.5
			μ _D	0.5	0.4	0.4

CONTACT

Toray Plastics (America), Inc.
 50 Belver Avenue
 North Kingstown, RI 02852 USA
 Tel: (800) 453-6866
 Fax: (401) 294-3410
 e-mail: rimarketing@toraytpa.com
 Web: www.torayfilms.com

WINDING DIRECTION

A = MONOLAYER
 B = MONOLAYER



LUM PS-0077 Rev 9

WE ACCEPT NO RESPONSIBILITY FOR RESULTS OBTAINED BY THE APPLICATION OF THIS INFORMATION OR THE SAFETY OR SUITABILITY OF OUR PRODUCTS, EITHER ALONE OR IN COMBINATION WITH OTHER PRODUCTS. USERS ARE ADVISED TO MAKE THEIR OWN TESTS TO DETERMINE THE SAFETY AND SUITABILITY OF EACH PRODUCT OR PRODUCT COMBINATION FOR THEIR OWN PURPOSES.

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

© 2009 Toray Plastics (America), Inc.