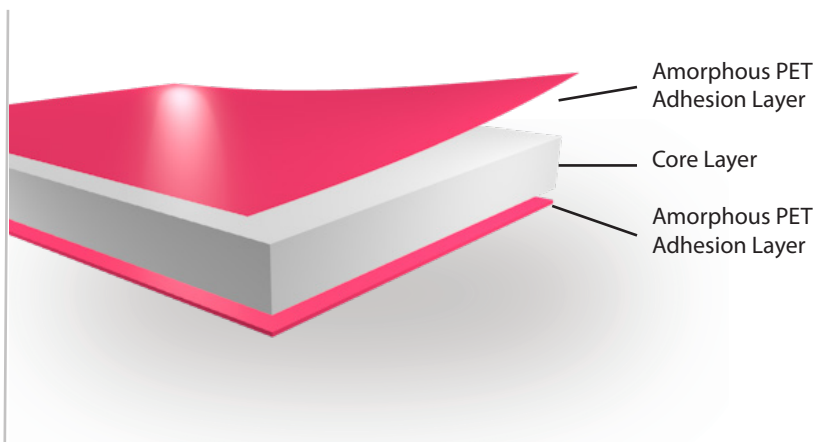


Lumirror. PA30

Applications

- Printing
- Laminating



Lumirror PA30

THREE LAYER PET FILM, BOTH SIDES MODIFIED FOR ADHESION PROMOTION

Summary

PA30 is a plain transparent polyester film with both sides modified to improve printing and laminating adhesion in packaging.

Technical Data *

PROPERTIES		METHOD	UNITS	TYPICAL VALUES
Thickness		-	0.00001"	92
Nominal Yield		-	in ² /lb	21,500
Tensile Strength at Break	MD	ASTM D882	lb/in ²	31,100
	TD			34,600
Young's Modulus	MD	ASTM D882	lb/in ²	617,300
	TD			682,700
Elongation at Break	MD	ASTM D882	%	160
	TD			140
Heat Shrinkage (150°C for 30 minutes)	MD	ASTM D1204	%	1.5
	TD			0.4
Coefficient of Friction	A-side vs. B-side	ASTM D1894	μ _s	0.4
			μ _d	0.3
Haze (1 sheet)		ASTM 1003	%	4.4
MVTR - 100 °F, 90% RH		ASTM F1249	g/100in ² /day	1.4
O ₂ Barrier - 73 °F, 0% RH		ASTM D3985	cc/100in ² /day	4.0

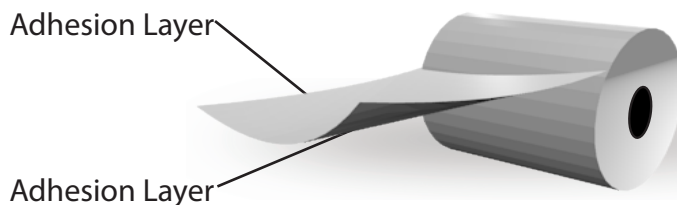
Key Features

- Excellent mechanical properties
- Good machinability due to surface roughness properties
- Improved adhesion of inks, adhesives, cohesives and polyethylene on both surfaces
- Tack sealable and/or printable on both sides
- Excellent dimensional stability at higher temperatures
- Complies with US FDA 21 CFR 177.1630 requirements for food packaging applications
- Drug Master File listed #17749

Similar Products

- PA10
- PA26
- PA11

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 Terephthalate (PET).