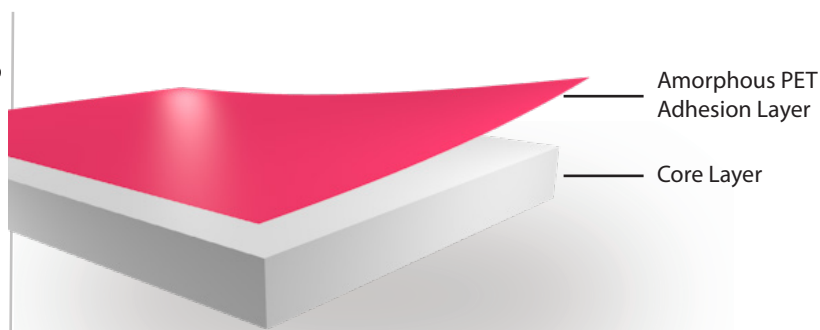


LUMIRROR[®] PS10

Applications

- Printing
- Laminating



Lumirror PS10

TWO LAYER PET FILM FOR INDUSTRIAL USE, ONE SIDE FOR ADHESION PROMOTION

Summary

PS10 is a plain transparent asymmetrical polyester film with one side modified to improve printing, laminating, and extrusion adhesion for a wide variety of applications.

Technical Data *

PROPERTIES		METHOD	UNITS	TYPICAL VALUES			
Thickness		-	0.00001"	32	36	92	142
Nominal Yield		-	in ² /lb	61,800	55,700	21,500	13,900
F-5	MD	ASTM D882	lb/in ²	15,800	15,600	15,500	14,800
	TD			14,400	14,400	14,900	13,700
Tensile Strength at Break	MD	ASTM D882	lb/in ²	39,700	40,300	35,400	26,300
	TD			36,300	36,100	39,400	27,000
Young's Modulus	MD	ASTM D882	lb/in ²	743,900	738,200	664,200	678,500
	TD			732,500	739,600	755,300	732,500
Elongation at Break	MD	ASTM D882	%	100	100	150	160
	TD			110	110	120	140
Heat Shrinkage (150°C for 30 minutes)	MD	ASTM D1204	%	2.4	2.4	1.8	1.3
	TD			1.4	1.1	0.5	0.2
Coefficient of Friction	A-side vs. B-side	ASTM D1894	μ_s	0.6	0.5	0.4	0.3
			μ_d	0.5	0.5	0.3	0.2
Haze (1 sheet)		ASTM 1003	%	3.2	3.3	5.6	7.4
MVTR - 100 °F, 90% RH		ASTM F1249	g/100in ² /day	4.4	3.9	1.4	1.0
O ₂ Barrier - 73 °F, 0% RH		ASTM D3985	cc/100in ² /day	12.0	11.0	4.0	2.7

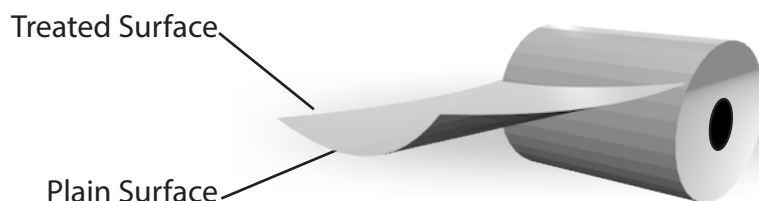
Key Features

- Excellent mechanical properties
- Good machinability due to surface roughness properties
- Excellent dimensional stability at higher temperatures
- Improved adhesion of inks, adhesives, and extrudates on the modified surface

Similar Products

- PA10
- PA30

Winding Direction



* These values do not constitute specific binding specifications

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