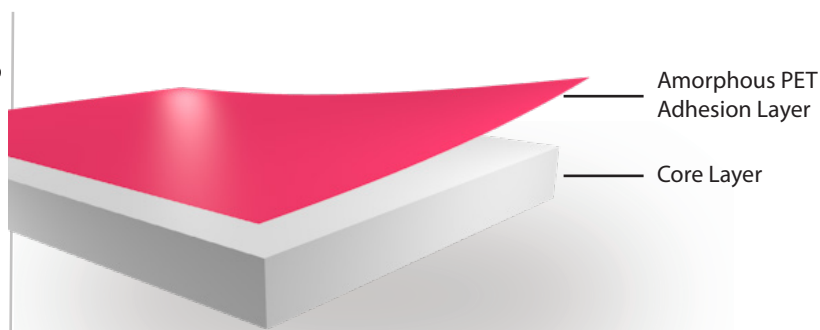


LUMIRROR[®] PS10

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		-	micron	8.1	9.0	23.4	36.1
Nominal Yield		-	m ² /kg	88.2	79.4	30.5	19.8
F-5	MD	ASTM D882	Mpa	109	108	107	102
	TD			99	99	103	94
Tensile Strength at Break	MD	ASTM D882	Mpa	274	278	244	181
	TD			250	249	272	186
Young's Modulus	MD	ASTM D882	Mpa	5,129	5,090	4,580	4,678
	TD			5,050	5,099	5,207	5,050
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 - 38 °C, 90% RH		ASTM F1249	g/m ² /day	68.2	60.5	21.7	15.5
O ₂ Barrier - 23 °C, 0% RH		ASTM D3985	cc/m ² /day	186.0	170.5	62.0	41.9

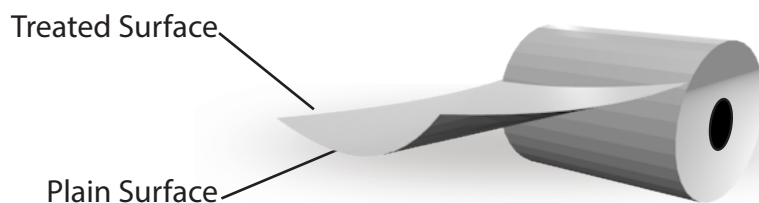
Key Features

- 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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