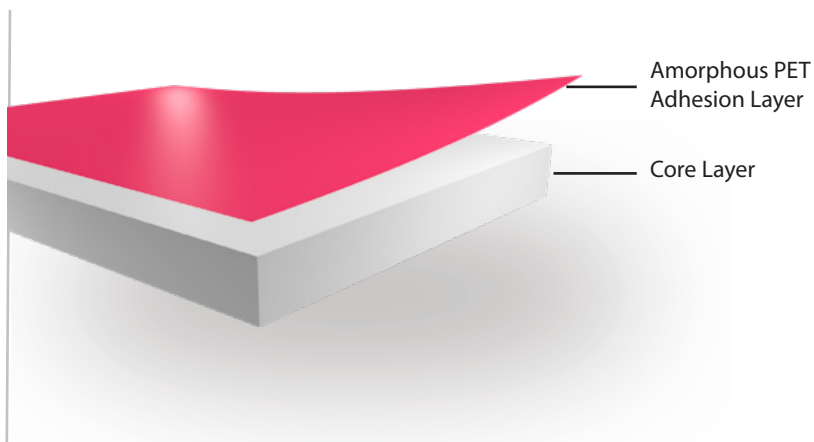


LUMIRROR[®] PA45

Applications

- Heat seal
- Mono web solution



Lumirror PA45

HEAT SEALABLE PET FILM

Summary

PA45 is designed for printing, laminating, and heat sealing in packaging applications.

Technical Data *

PROPERTIES	METHOD	UNITS	TYPICAL VALUES				
Thickness	-	micron	12.2	15.3	20.3	30.5	
Nominal Yield	-	m ² /kg	58.5	46.7	35.2	23.4	
Tensile Strength at Break	MD	ASTM D882	Mpa	241	246	261	223
	TD			216	227	235	250
Young's Modulus	MD	ASTM D882	Mpa	4678	4590	4570	4590
	TD			4746	4629	4678	5148
Elongation at Break	MD	ASTM D882	%	120	120	110	150
	TD			120	130	120	120
Heat Shrinkage (150°C for 30 minutes)	MD	ASTM D1204	%	2.3	2.1	2.2	1.9
	TD			0.7	0.7	0.8	0.6
Coefficient of Friction	A-side vs. B-side	ASTM D1894	μ _s	0.7	0.5	0.4	0.4
			μ _D	0.7	0.4	0.3	0.3
Haze (1 sheet)		ASTM 1003	%	2.7	3.3	3.9	6.3
Seal Initiation Temp		Toray Method	°C	121.1	121.1	121.1	121.1
MVTR - 38 °C, 90% RH		ASTM F1249	g/m ² /day	45.0	35.7	27.9	17.1
O ₂ Barrier - 23 °C, 0% RH		ASTM D3985	cc/m ² /day	124.0	103.9	78	51.2

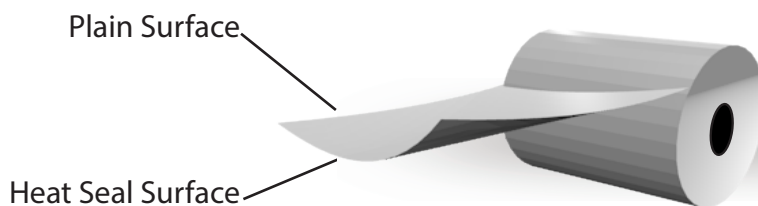
Key Features

- Sealable to itself or to other materials such as: APET, PETG, PVDC or sheet metal
- The non-sealing side has the standard properties of a plain polyester film
- 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

- PA26
- PA25

Winding Direction



* These values do not constitute specific binding specifications

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