



Applications

Printing

• Laminating

Amorphous PET Adhesion Layer

Core Layer

Product Data Sheet

TWO LAYER PET FILM, ONE SIDE FOR ADHESION PROMOTION

Summary

PA10 is a plain transparent asymmetrical polyester film with one side modified to improve printing and laminating adhesion in packaging.

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🖉 Technical Data 🗡

PROPERTIES		METHOD	UNITS TYPICAL VALUES					
Thickness		-	micron	6.4	8.1	9.2	12.2	23.4
Nominal Yield		-	m2/kg	111.6	88.2	77.6	58.5	30.5
F-5	MD	ASTM D882	Мра 🗕	105	109	108	108	105
	TD			93	99	99	100	102
Tensile Strength at Break	MD	ASTM D882	Mpa 🗕	260	274	278	280	239
	TD			238	250	249	253	272
Young's Modulus	MD	ASTM D882	Мра	3776	5129	5090	5060	4619
	TD			4305	5050	5099	5168	5099
Elongation at Break	MD	ASTM D882	%	90	100	100	110	150
	TD			100	110	110	120	120
Heat Shrinkage (150°C for 30 minutes)	MD	ASTM D1204	% -	2.8	2.4	2.4	2.2	1.9
	TD			1.6	1.4	1.1	1	0.6
Coefficient of Friction	A-side vs. B-side	ASTM D1894	μ_{s}	0.8	0.6	0.5	0.4	0.4
			μ _D	0.7	0.5	0.5	0.4	0.3
Haze (1 sheet)		ASTM 1003	%	2.9	3.2	3.3	3.6	5.7
MVTR - 38 °C, 90% RH		ASTM F1249	g/m2/day	86.8	68.2	60.5	45.0	21.7
O, Barrier - 23 °C, 0% RH		ASTM D3985	cc/m2/day	238.7	186.0	170.5	124.0	62.0

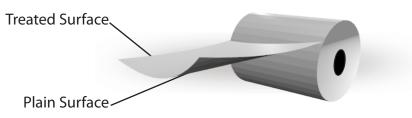
Key Features

- Excellent mechanical properties
- · Good machinability due to surface roughness properties
- · Improved adhesion of inks, adhesives, cohesives and polyethylene on the modified surface
- 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

- PA66
- PA15
- PA25

Winding Direction



* These values do not constitute specific binding specifications

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