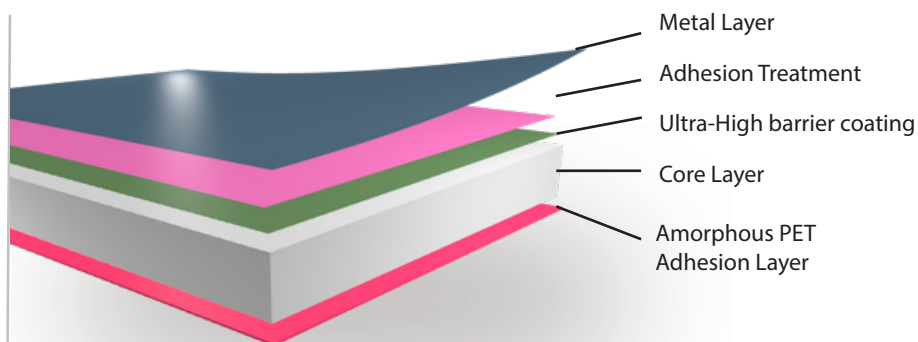


LUMIRROR[®] MK6HB

Applications

- Confections
- Snacks
- Coffee
- Pet food
- Foil replacement



ULTRA-HIGH OXYGEN AND MOISTURE BARRIER METALLIZED PET FILM

Summary

MK6HB is an ultra-high oxygen and moisture barrier metallized PET film.

Please note :

- The metallized side is not suitable for water based inks or adhesives.
- The amorphous PET adhesion layer is suitable for both water and solvent based inks or adhesives.

Technical Data *

PROPERTIES		METHOD	UNITS	TYPICAL VALUES		
Thickness		-	micron	9	12.2	23.4
Nominal Yield		-	m ² /kg	79.4	58.5	30.5
F-5	MD	ASTM D882	Mpa	101	105	106
	TD			100	104	104
Tensile Strength at Break	MD	ASTM D882	Mpa	243	253	254
	TD			251	259	254
Young's Modulus	MD	ASTM D882	Mpa	4,570	4,884	4,992
	TD			5,198	5,511	5,001
Elongation at Break	MD	ASTM D882	%	110	120	140
	TD			100	110	140
Heat Shrinkage (150°C for 30 minutes)	MD	ASTM D1204	%	2.6	2.6	2.6
	TD			2.2	1.9	2.1
Coefficient of Friction	A-side vs. B-side	ASTM D1894	μ _s	0.5	0.6	0.7
			μ _b	0.5	0.6	0.6
Optical Density		ASTM 1003		2.8	2.8	2.8
MVTR - 38 °C, 50% RH		ASTM F1249	g/m ² /day	0.078	0.078	0.078
O ₂ Barrier - 23 °C, 0% RH		ASTM D3985	cc/m ² /day	0.078	0.078	0.078

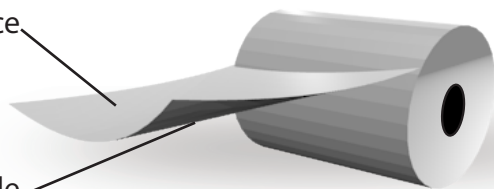
Key Features

- Ultra-high barrier to oxygen, moisture and other gases
- Excellent aroma and organoleptic barrier
- Good machinability due to surface roughness properties
- Excellent dimensional stability at higher temperatures
- Improved adhesion of inks, adhesives and polyethylene on the amorphous PET adhesion layer
- Complies with US FDA 21 CFR 177.1630 requirements for food packaging applications

Winding Direction

Adhesion Surface

Metal Side



* These values do not constitute specific binding specifications

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