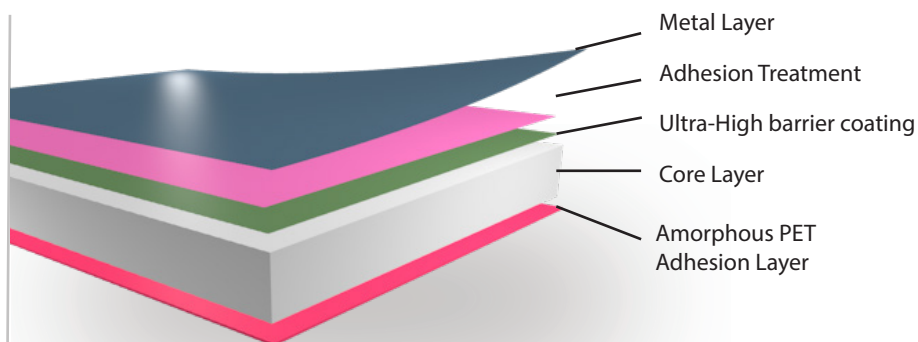


# LUMIRROR® MK6HB

## 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.

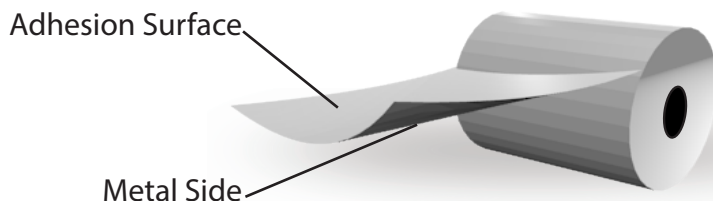
## Technical Data \*

PROPERTIES		METHOD	UNITS	TYPICAL VALUES		
Thickness		-	0.00001"	36	48	92
Nominal Yield		-	in <sup>2</sup> /lb	55,700	41,200	21,500
F-5	MD	ASTM D882	lb/in <sup>2</sup>	14,600	15,200	15,400
	TD			14,500	15,100	15,100
Tensile Strength at Break	MD	ASTM D882	lb/in <sup>2</sup>	35,300	36,700	36,800
	TD			36,400	37,500	36,800
Young's Modulus	MD	ASTM D882	lb/in <sup>2</sup>	662,800	708,300	724,000
	TD			753,800	799,300	725,400
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 <sub>s</sub>	0.5	0.6	0.7
			μ <sub>b</sub>	0.5	0.6	0.6
Optical Density		ASTM 1003		2.8	2.8	2.8
MVTR - 100 °F, 50% RH		ASTM F1249	g/100in <sup>2</sup> /day	0.005	0.005	0.005
O <sub>2</sub> Barrier - 73 °F, 0% RH		ASTM D3985	cc/100in <sup>2</sup> /day	0.005	0.005	0.005

## 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



\* These values do not constitute specific binding specifications

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