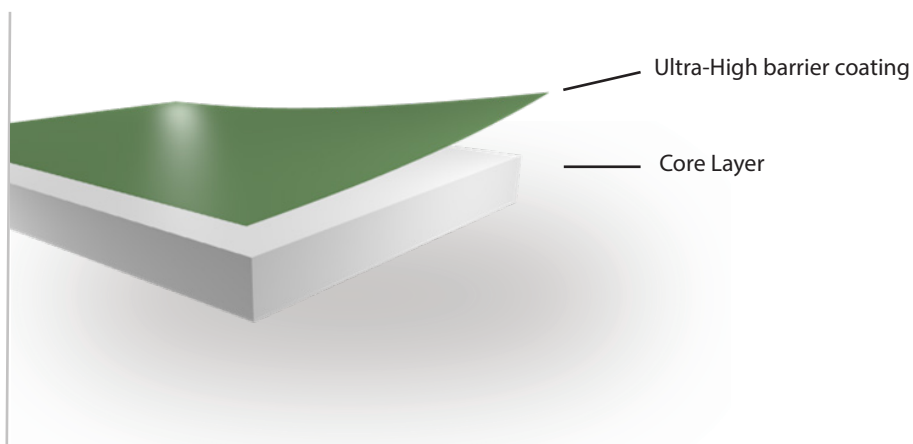


LUMIRROR® PA6HB

Applications

- Ultra-High oxygen barrier
- Aroma barrier
- Food packaging



Lumirror PA6HB

ULTRA-HIGH OXYGEN BARRIER CLEAR PET FILM

Summary

PA6HB is an ultra-high oxygen barrier clear PET film.

Please note :

- The ultra-high barrier coating is not suitable for water based inks or adhesives.

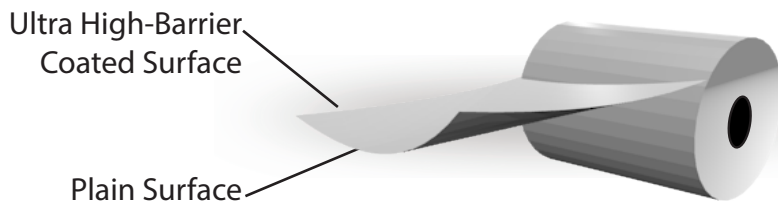
Technical Data *

PROPERTIES		METHOD	UNITS	TYPICAL VALUES		
Thickness		-	0.00001"	36	48	92
Nominal Yield		-	in ² /lb	55,700	41,200	21,500
F-5	MD	ASTM D882	lb/in ²	14,600	15,200	15,400
	TD			14,500	15,100	15,100
Tensile Strength at Break	MD	ASTM D882	lb/in ²	35,300	36,700	36,800
	TD			36,400	37,500	36,800
Young's Modulus	MD	ASTM D882	lb/in ²	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 _s	0.5	0.6	0.7
			μ _D	0.5	0.6	0.6
Haze (1 sheet)		ASTM 1003	%	4.5	5.0	6.0
O ₂ Barrier - 73 °F, 0% RH		ASTM D3985	cc/100in ² /day	0.005	0.005	0.005

Key Features

- Ultra-high oxygen barrier
- Excellent aroma and organoleptic barrier
- Good machinability due to surface roughness properties
- Excellent dimensional stability at higher temperatures
- Complies with US FDA 21 CFR 177.1630 requirements for food packaging applications
- The coated side is not intended to contact food

Winding Direction



* These values do not constitute specific binding specifications

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