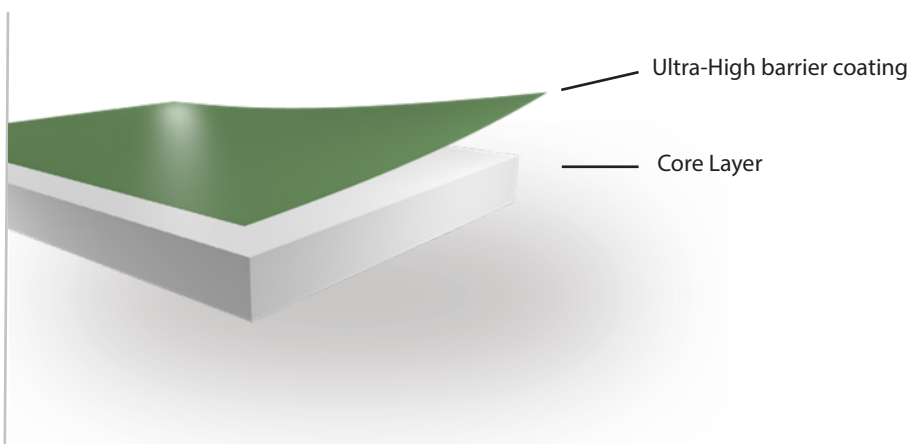


LUMIRROR® PA6HB

Applications

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



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.

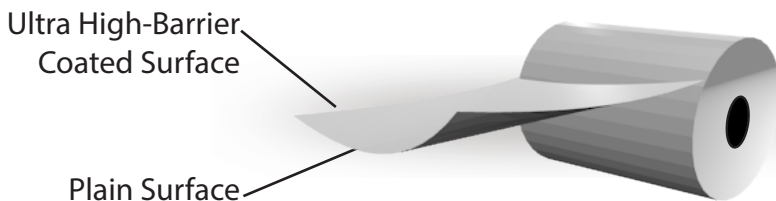
Technical Data *

PROPERTIES		METHOD	UNITS	TYPICAL VALUES		
Thickness		-	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
Haze (1 sheet)		ASTM 1003	%	4.5	5.0	6.0
O ₂ Barrier - 23 °C, 0% RH		ASTM D3985	cc/m ² /day	0.078	0.078	0.078

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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