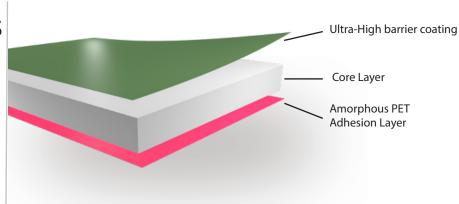


LUMIRROR® PA1HB

Applications

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



ULTRA-HIGH OXYGEN BARRIER CLEAR PET FILM

Summary

PA1HB is an ultra-high oxygen barrier clear PET film.

Please note:

- The <u>ultra-high barrier</u> coating is not suitable for water based inks or adhesives.
- The <u>amorphous PET adhesion layer</u> is suitable for both water based and solvent based inks or adhesives.



Lumirror PA 1HB

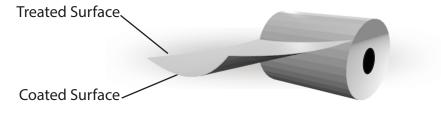
🖊 Technical Data ⊁

PROPERTIES MET		UNITS	TYPICAL VALUES		
	-	0.00001"	36	48	92
	-	in²/lb	55,700	41,200	21,500
F-5 MD	- ASTM D882	lb/in² -	14,600	15,200	15,400
TD			14,500	15,100	15,100
MD	· ASTM D882	lb/in² -	35,300	36,700	36,800
TD			36,400	37,500	36,800
MD	ASTM D882	lb/in² -	662,800	708,300	724,000
TD			753,800	799,300	725,400
Elongation at Break	- ASTM D882	% -	110	120	140
TD			100	110	140
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
	ASTM 1003	%	4.5	5.0	6.0
	ASTM D3985	cc/100in²/day	0.005	0.005	0.005
	MD TD MD TD MD TD MD TD MD TD MD TD TD		- 0.00001" - in²/lb MD TD ASTM D882 Ib/in² - TD MD ASTM D882 Ib/in² - TD MD ASTM D882 Ib/in² - TD MD ASTM D882 Ib/in² - TD ASTM D882 W - TD ASTM D882 % - TD ASTM D1204 % A-side vs. B-side ASTM D1894 μ _D ASTM 1003 %	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$

Key Features

- Ultra-high oxygen barrier
- Excellent aroma and organoleptic barrier
- · Good machinability due to surface roughness properties
- Improved adhesion of inks, adhesives and polyethylene on the amorphous PET adhesion layer
- 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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