

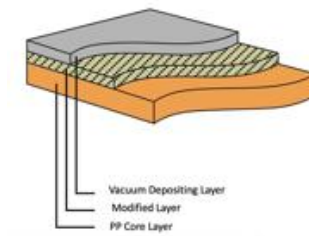
# Technical Information

## Model: CH211PLN

**Description:** An ultra-high barrier BOPP aluminized film. The surface modified BOPP acquires the ultra high barrier through reinforced metalization.

### Key Features:

- Excellent OTR
- Excellent WVTR
- High adhesion strength of aluminum



### Typical application:

An alternative film to replace Aluminum Foil, VMPET or other barrier films in mono-material flexible packages. Used as the barrier layer of flexible packaging with ultra-high barrier requirements such as packages for powder, facial mask, chocolate, biscuit, pet food, etc.

**Thickness: 18 microns**

PROPERTIES		TYPICAL VALUES (18 microns)	UNIT	TESTING METHOD
<b>Mechanical</b>				
Tension Strength	MD	135	Mpa	ASTM D 882
	TD	330	Mpa	ASTM D 882
Elongation	MD	240	%	ASTM D 882
	TD	65	%	ASTM D 882
<b>Physical</b>				
COF	Dynamic	0.40	/	ASTM D 1894
	Static	0.45	/	ASTM D 1894
<b>Barrier</b>				
WVTR (38°C,90%RH)		0.1	g/m <sup>2</sup> •24h	ASTM F 1249
OTR (23°C, 0%RH)		0.1	cc/m <sup>2</sup> •24h	ASTM D 3985
<b>Thermal</b>				
Thermal Shrinkage	MD	3.0	%	ASTM D 1204
	TD	2.0	%	ASTM D 1204
<b>Miscellaneous</b>				
Surface Tension		38	Dyne/cm	ASTM D 2578



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