

# Technical Information

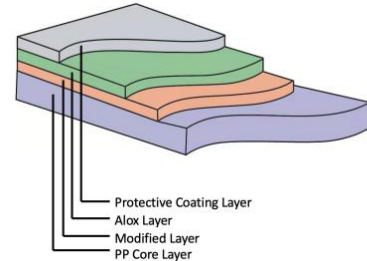
## Model: CH213PAN

**Description:** AIOxBOPP, a transparent, ultra high barrier PP based film.

### Key Features:

High transparency and high barrier property

- Excellent OTR
- Excellent WVTR
- Transparent and visible
- Metal detectable and microwavable



**Typical application:** An alternative film to replace AIOxPET, Nylon or PVDC film in mono-material flexible packages. Used as the barrier layer of flexible packaging with high barrier requirement and visual design, such as snacks, biscuit, puffed food, pet food, essence, etc.

**Thickness: 18/20 microns**

PROPERTIES		TYPICAL VALUES (18 microns)	UNIT	TESTING METHOD
<b>Mechanical</b>				
Tensile Strength	MD	130	Mpa	ASTM D 882
	TD	310	Mpa	ASTM D 882
Elongation	MD	230	%	ASTM D 882
	TD	70	%	ASTM D 882
<b>Physical</b>				
COF (Coating Side)	Static/Dynam	0.39/0.40	/	ASTM D 1894
COF (No Coating Side)	Static/Dynam	0.30/0.29	/	ASTM D 1894
<b>Barrier</b>				
WVTR (38°C, 90%RH)		0.7	g/m <sup>2</sup> •24h	ASTM F 1249
OTR (23°C, 0%RH)		0.7	cc/m <sup>2</sup> •24h	ASTM D 3985
<b>Thermal</b>				
Thermal Shrinkage	MD	4.0	%	ASTM D 1204
	TD	3.0	%	ASTM D 1204
<b>Miscellaneous</b>				
Surface Tension		38	Dyne/cm	ASTM D 2578
Haze		2.5	%	ASTM D-1003
Transparency		93	%	ASTM D-1003



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