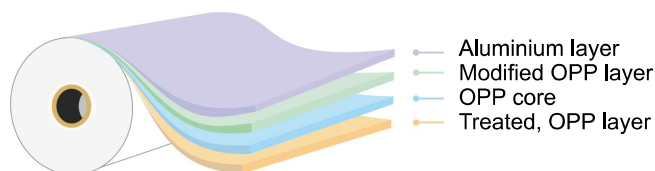


# High Barrier Film, Metallised

## PCT-2 (SS) IMB HS MO

### Structure



### Description

It is a clear metallised Bi-axially Oriented Polypropylene film with high oxygen & moisture barrier characteristics.

### Features

- Improved oxygen, moisture and light barrier
- High metal bond strength
- High speed machinability
- Stable COF
- Suitable for both extrusion/adhesive lamination
- Suitable for Cold seal adhesive receptive on non metal side

### Applications

- Biscuits, cookies and crackers
- Confectionery, snacks and chips

### Typical values

Properties	Ref.	Units	ASTM# / Test Method	PCT-2 (SS) IMB HS MO
<b>Physical Data</b>				
Average Thickness		Micron	D-374-C	15
		Gauge		60
		Mils		0.6
Thickness Variation		%(±)		3
Density		g/cc		0.905
Average substance		g/m <sup>2</sup>		13.6
Kinetic COF	NM-NM		D-1894	0.30 - 0.40
Yield		m <sup>2</sup> /Kg	D-4321	73.7
		in <sup>2</sup> /lb		51816
<b>Optical Data</b>				
Optical Density			CTM	2.0 - 2.2
<b>Mechanical Data</b>				
Tensile Strength	MD	kg/cm <sup>2</sup>	D-882	1200 -1500
	TD			2400 -2800
Elongation	MD	%	D-882	140 -190
	TD			30 -80
<b>Barrier Data</b>				
MVTR (38°C, 90% RH)		g/m <sup>2</sup> /day	F-1249	0.35
MVTR (100 °F,90%RH)		g/100 in <sup>2</sup> /day	F-1249	< 0.02
OTR (23°C, 0% RH)		cc/m <sup>2</sup> /day	D-3985	< 60
OTR (73°F, 0% RH)		cc/100 in <sup>2</sup> /day	D-3985	< 3.87

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction LTS : low temperature sealing UT: Un-treated  
**Disclaimer :** The information provided above is based on COSMO FILMS LTD's conclusive tests, which are indicative only and provided as guidelines.They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications