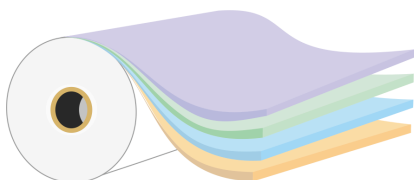


Non-heat Sealable Metallised Film

PCT-2(MO)

Structure



- Aluminium layer
- Modified treated, OPP layer
- OPP core
- Treated, OPP layer

Description

It is a co-extruded, plain and one side metallised and other side treated Bi-axially Oriented Polypropylene film.

Features

- Good Metal anchorage
- Good Gloss
- Good oxygen & moisture barrier

Applications

- For decorative lamination with paper.
- For printing and lamination

Typical values

Properties	Ref.	Units	ASTM#/ Test Method	PCT-2(MO)
Physical Data				
Average Thickness		Micron	D-374-C	15
		Gauge		60
		Mils		0.6
Thickness Variation		%(±)		3
Density		g/cc		0.905
Average substance		g/m ²		13.58
Kinetic COF	NM-NM		D-1894	0.25 – 0.35
Yield		m ² /Kg	D-4321	73.6
		in ² /lb		51772
Optical Data				
Optical Density			CTM	2.0 – 2.2
Mechanical Data				
Tensile Strength	MD	kg/cm ²	D-882	1200 - 1500
	TD			2400 - 2800
Elongation	MD	%	D-882	130 - 180
	TD			30 - 80
Thermal Data				
Shrinkage (120°C/248 °F,5 min)	MD	%	D-1204	2.0 – 4.0
	TD			1.0 – 3.0
Barrier Data				
MVTR (38°C, 90% RH)		g/m ² /day	F-1249	< 0.7
MVTR (100 °F,90%RH)		g/100 in ² /day	F-1249	< 0.04
OTR (23°C, 0% RH)		cc/m ² /day	D-3985	< 100
OTR (73°F, 0% RH)		cc/100 in ² /day	D-3985	< 6.4

CTM : Cosmo Test Method

MD : Machine Direction

TD : Transverse Direction

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

Storage condition : Storage temperature to be maintained 25 Deg.C (+/-5 Deg C) & relative humidity 55% (+/-5%) to avoid accelerated reduction of surface treatment level.

Note : Treatment values in metallized films tend to decay over a period of time during transportation & subjected to storage conditions, hence it is recommended to check the treatment prior to processing & if reduction is observed then go for online treatment, high adhesive GSM & a suitable primer may be applied.

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