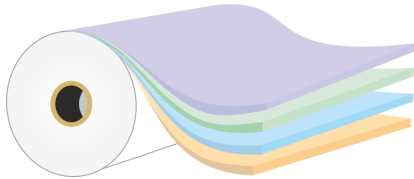


Printing & Pouching Film Thin Metallised, Non Heat Sealable

PCT-1(MO)

Structure



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

Description

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

Features

- Good Metal Anchorage
- Good Gloss
- Good Oxygen & moisture barrier

Applications

For decorative lamination with paper

Special Instruction

Typical values

Properties	Ref.	Units	ASTM#/ Test Method	PCT-1(MO)	
Physical Data					
Average Thickness		Micron	D-374-C	9	10
		Gauge		36	40
		Mils		0.4	0.4
Thickness Variation		%(±)		3	
Density		g/cc		0.905	
Average substance		g/m ²		8.1	9.0
Kinetic COF	UT-UT		D-1894	0.25-0.40	
Yield		m ² /Kg	D-4321	123.4	111.1
		in ² /lb		86758	78111
Optical Data					
Optical Density			CTM	1.4-1.8	
Mechanical Data					
Tensile Strength	MD	kg/cm ²	D-882	1100-1300	
	TD			2400-2700	
Elongation	MD	%	D-882	130-180	
	TD			30-80	
Thermal Data					
Shrinkage (120°C/248 °F,5 min)	MD	%	D-1204	3.5-5.5	
	TD			1.0-3.0	
Barrier Data					
MVTR (38°C, 90% RH)		g/m ² /day	F-1249	<1.5	
MVTR (100 °F,90%RH)		g/100 in ² /day	F-1249	<0.09	
OTR (23°C, 0% RH)		cc/m ² /day	D-3985	<125	
OTR (73°F, 0% RH)		cc/100 in ² /day	D-3985	<8.0	

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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