

Reverse Print & Lamination

PCT-1(CV) LCF

Structure



Description

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

Features

- Excellent machinability
- Low haze
- Excellent printability at high speed
- Good antistatic
- Low COF through-out printing & lamination processes

Applications

- For high gloss lamination on printed and un-printed paper and paper board
- Used as a reverse printed top layer in laminates of multiplayer-web

Typical values

Properties	Ref.	Units	ASTM#/ Test Method	PCT-1(CV) LCF
Physical Data				
Average Thickness		Micron	D-374-C	10
		Gauge		40
		Mils		0.4
Density		g/cc		0.905
Average substance		g/m ²		9.05
Surface Tension(min)		dynes/cm	D-2578	38
Kinetic COF	UT-UT		D-1894	0.25 - 0.35
Yield		m ² /Kg	D-4321	110.5
		in ² /lb		77687
Optical Data				
Gloss (45°)		Gardner	D-2457	> 93
Haze		%	D-1003	1.3 – 2.0
Mechanical Data				
Tensile Strength	MD	kg/cm ²	D-882	1100-1400
	TD			2300-2800
Elongation	MD	%	D-882	130 - 180
	TD			30 - 80
Thermal Data				
Shrinkage (120°C/248 °F,5 min)	MD	%	D-1204	3.0 - 5.0
	TD			1.0 – 3.0

CTM : Cosmo Test Method

MD : Machine Direction

TD : Transverse Direction

UT : Untreated

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.