

Plain Printing & Lamination Film

PCT-1(CV) HR

Structure



- Hot slip modified OPP layer
- Additive modified OPP core
- Treated, printable OPP layer

Description

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

Features

- Excellent printability at high speed
- Excellent hot slip
- Good ink adhesion
- Good antistatic

Applications

- Used as a reverse printed top layer into multilayer laminate

Typical values

Properties	Ref.	Units	ASTM#/ Test Method	PCT-1(CV) HR		
Physical Data						
Average Thickness		Micron	D-374-C	15	18	25
		Gauge		60	72	100
		Mils		0.6	0.7	1.0
Thickness Variation		%(±)		3		
Density		g/cc		0.905		
Average substance		g/m ²		13.58	16.29	22.63
Surface Tension(min)		dynes/cm	D-2578	038		
Kinetic COF	UT-UT		D-1894	0.15-0.25		
Yield		m ² /Kg	D-4321	73.6	61.4	44.2
		in ² /lb		51772	43160	31068
Optical Data						
Gloss (45°)		Gardner	D-2457	>94		
Haze		%	D-1003	1.5-2.0		
Mechanical Data						
Tensile Strength	MD	kg/cm ²	D-882	1300-1600		
	TD			2800-3300		
Elongation	MD	%	D-882	140-190		
	TD			40-80		
Thermal Data						
Shrinkage (120°C/248 °F,5 min)	MD	%	D-1204	3.0-5.0		
	TD			0.5-2.5		
Barrier Data						
MVTR (38°C, 90% RH)		g/m ² /day	F-1249	<7.0	<6.5	<6.0
MVTR (100 °F,90%RH)		g/100 in ² /day	F-1249	<0.45	<0.41	<0.38

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.