

Printing & Pouching Film Transparent- One Side Treated, Non Heat Sealable

PCT-1(CV)

Structure



Description

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

Features

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

Applications

- Used as a reverse printed top layer in laminates of multilayer-web

Typical values

Properties	Ref.	Units	ASTM#/ Test Method	PCT-1(CV)							
Physical Data											
Average Thickness		Micron	D-374-C	15	18	19	20	25	30	40	
		Gauge		60	72	76	80	100	120	160	
		Mils		0.6	0.7	0.8	0.8	1.0	1.2	1.6	
Thickness Variation		%(±)		3							
Density		g/cc		0.905							
Average substance		g/m ²		13.6	16.3	17.2	18.1	22.6	27.2	36.2	
Surface Tension(min)		dynes/cm	D-2578	38							
Kinetic COF	UT-UT		D-1894	0.30-0.40							
Yield		m ² /Kg	D-4321	73.5	61.3	58.1	55.2	44.2	36.8	27.6	
		in ² /lb		51696	43133	40876	38844	31109	25848	19422	
Optical Data											
Gloss (45°)		Gardner	D-2457	>90							
Haze		%	D-1003	1.0-2.0							
Mechanical Data											
Tensile Strength	MD	kg/cm ²	D-882	1200-1500							
	TD			2400-2800							
Elongation	MD	%	D-882	140-190							
	TD			30-70							
Thermal Data											
Shrinkage (120°C/248 °F,5 min)	MD	%	D-1204	3.0-5.0							
	TD			1.0-3.0							
Barrier Data											
MVTR (38°C, 90% RH)		g/m ² /day	F-1249	<7.0	<6.5	<6.5	<6.0	<5.0	<4.5	<4.0	
MVTR (100 °F,90%RH)		g/100 in ² /day	F-1249	<0.45	<0.41	<0.41	<0.38	<0.32	<0.29	<0.25	

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.

Cosmo Films Limited

1st Floor, Uppal's Plaza, M-6 Jasola District Centre, New Delhi - 110025, India, T: + 91-11-49 49 49, 49,

E-mail: sales.enquiry@cosmofilms.com | www.cosmofilms.com