

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

## Structure



## Description

It is a co extruded, plain and one side treated and other side non heat sealable biaxially oriented polypropylene film

## Features

- Excellent printability at high speed
- Good ink adhesion
- Good antistatic
- Suitable for PU based ink system

## Applications

- Used as a printing layer in laminates of multilayer-web
- Monolayer candy packaging

## PCT-1(SS) CV LCF

### Typical values

Properties	Ref.	Units	ASTM#/ Test Method	PCT-1(SS) CV LCF										
<b>Physical Data</b>														
Average Thickness		Micron	D-374-C	10	12	15	18	20	25	30	35	40		
		Gauge		40	48	60	72	80	100	120	140	160		
		Mils		0.4	0.5	0.6	0.7	0.8	1.0	1.2	1.4	1.6		
Thickness Variation		%(±)		3										
Average substance		g/m <sup>2</sup>		9.05	10.87	13.57	16.29	18.1	22.62	27.15	31.67	36.2		
Surface Tension(min)		dynes/cm	D-2578	38										
Kinetic COF	UT-UT		D-1894	0.25 - 0.35										
	T-T			0.15 - 0.20										
Yield		m <sup>2</sup> /Kg	D-4321	110.4	91.99	73.69	61.38	55.24	44.20	36.83	31.57	27.62		
		in <sup>2</sup> /lb		77687	64679	51810	43159	38843	31081	25895	22199	19421		
<b>Optical Data</b>														
Gloss (45°)		Gardner	D-2457	>88										
Haze		%	D-1003	1.5 - 2.5										
<b>Mechanical Data</b>														
Tensile Strength	MD	kg/cm <sup>2</sup>	D-882	1200-1500										
	TD			2400-2800										
Elongation	MD	%	D-882	140-200										
	TD			40-70										
<b>Thermal Data</b>														
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

**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.

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