

# Printing & Pouching Film Matte, Non Heat Sealable

## PCT-1(M)

### Structure



- Treated, glossy OPP layer
- Additive modified OPP core
- Untreated, matte OPP layer

### Description

It is a co-extruded, plain, antistatic, one side matte, & other side treated gloss Bi-axially Oriented Polypropylene film.

### Features

- Low static charge
- Excellent machinability
- Good ink / varnish adhesion
- High haze, good contact clarity

### Applications

- Natural look lamination of printed, unprinted paper, paperboard and carton lamination
- HFFS packaging

### Typical values

Properties	Ref.	Units	ASTM#/ Test Method	PCT-1(M)			
<b>Physical Data</b>							
Average Thickness		Micron	D-374-C	15	18	20	25
		Gauge		60	72	80	100
		Mils		0.6	0.7	0.8	1.0
Thickness Variation		%(±)		3			
Density		g/cc		0.84			
Average substance		g/m <sup>2</sup>		12.6	15.1	16.8	21.0
Surface Tension(min)	Glossy	dynes/cm	D-2578	38			
Kinetic COF	M-M		D-1894	0.35-0.50			
Yield		m <sup>2</sup> /Kg	D-4321	79.3	66.2	59.5	47.6
		in <sup>2</sup> /lb		55753	46543	41832	33466
<b>Optical Data</b>							
Gloss (45°)	Matte	Gardner	D-2457	7.0-10.0			
Haze		%	D-1003	70.0-75.0			
<b>Mechanical Data</b>							
Tensile Strength	MD	kg/cm <sup>2</sup>	D-882	1000-1400			
	TD			2300-2700			
Elongation	MD	%	D-882	130-180			
	TD			30-70			
<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

M : Matte side

**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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