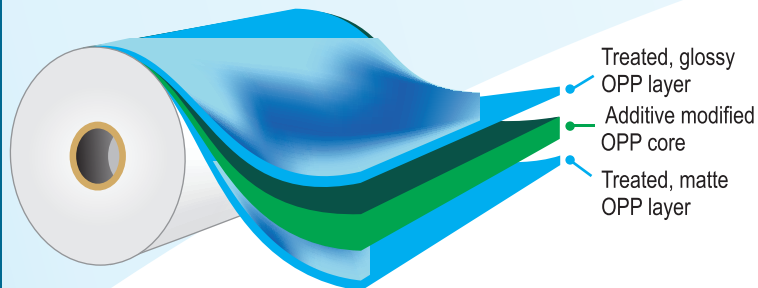


Print Lamination (Matte Film)

PCT-2 (M)

Structure



Description

It is a co-extruded, plain, antistatic, both sides treated, one side matte, other side 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
- Extrusion coating with primer for thermo-lamination & UV spot coating.

Typical Values

Properties	Ref.	Units	Astm # / Test Method	PCT-2 (M)				
Physical Data								
Average Thickness		micron	D-374-C	12	13	15	18	20
		gauge		47.24	51.18	59.06	70.87	78.74
Thickness Variation		% (±)		3				
Density		g/cc		0.84				
Average Substance		g/m²		10.08	10.92	12.60	15.12	16.80
Wettability (min.)	Glossy	dynes/cm	D-2578	38				
	Matte			38				
Kinetic COF	Matte – Matte		D-1894	0.35 – 0.50				
Yield		in²/lb	D-4321	69740	64380	55795	46500	40875
Optical Data								
Gloss (45 °)	Matte	gardner	D-2457	7 - 10				
Haze		%	D-1003	68 - 72	68 - 72	70 - 75	70 - 75	70 - 75
Mechanical Data								
Tensile Strength	MD	kg/ cm²	D-882	1000 - 1300	1000 - 1300	1100-1400	1100-1400	1100-1400
	TD			2200 - 2500	2200 - 2500	2400-2700	2400-2700	2400-2700
Elongation	MD	%	D-882	140 - 200				
	TD			30 - 80	30 - 70	30 - 80	30 - 70	30 - 70
Thermal Data								
Shrinkage (248 °F, 5 min.)	MD	%	D-1204	3 - 5				
	TD			1 - 3				

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.

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