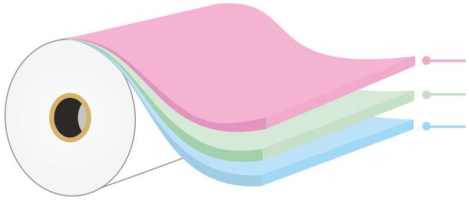
Wet Lamination Film BOPP Matte

PCT-2(M)

COSMO FILMS Engineered to Enhance

Technical Data Sheet

Structure



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

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		48	52	60	72	80
		Mils		0.5	0.5	0.6	0.7	0.8
Thickness Variation		%(±)		3				
Density		g/cc		0.84				
Average substance		g/m²		10.0	10.9	12.6	15.1	16.8
Surface Tension(min)	Glossy	dynes/cm	D-2578	38				
Kinetic COF	Matte-Matte		D-1894	0.35 - 0.50				
Yield		m²/Kg	D-4321	100	91.7	79.3	66.2	59.5
		in²/lb		70307	64471	55753	46543	41832
Optical Data								
Gloss (45°)	Matte	Gardner	D-2457	7.0-10.0				
Haze		%	D-1003	68.0 - 75.0				
Mechanical Data								
Tensile Strength	MD	kg/cm²	D-882	1000-1400				
	TD			2400-2700				
Elongation	MD	%	D-882	130-180				
	TD			30-70				
Thermal Data								
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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Create Date : 2022-Aug-25