

Thermal Lamination Film BOPP Gloss

PCT-2(DL)

Description

It is BOPP based, clear and both side treated thermal laminating film. Film has extrusion coated surface with low temp. melting resin, which enables the lamination of film to paper products by heat and pressure.

Features

- Excellent optical properties
- Excellent resistance to elongation & tear
- Yellow tint free appearance of roll
- Fibre-tear bond strength with paper

Applications

- Thermal lamination with all kinds of printed & unprinted paper and paper boards like book covers, posters, magazines, diaries etc.

Special Instruction

- Cosmo thermal gloss film can be laminated with the temperature range of 100 to 120 deg C. However the optimum conditions may be selected based on the lamination speed (Dwell time) and dimensional stability.
- Please make sure that the printed surface is well dried before lamination.
- Strongly recommend to handle with care and cleanliness as it may spoil its look by rough handling, dust contamination and scratches.
- It is advisable to cool sufficiently one surface before proceeding the lamination to other surface.

Typical values

Properties	Ref.	Units	ASTM#/ Test Method	PCT-2(DL)					
Physical Data									
Average Thickness		Micron		18	20	22	24	25.5	33
Average substance		g/m ²		16.5	18	20	22	23.4	29.6
Yield		m ² /kg	D-4321	60.6	55.5	50	45.4	42.7	33.7
		in ² /lb		42606	39020	35153	31919	30021	23707
Surface Tension(min)	Ex-coated Side	dynes/cm	D-2578	40	40	42	42	42	42
	Uncoated Side			38	38	38	38	38	38
Optical Data									
Gloss (45°)	Uncoated Side	Gardner	D-2457	58					
Gloss (60°)		Gardner	D-2457	95					
Thermal Data									
Lamination Temperature		°C	D-1204	100-120					
		°F		212-248					

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