

Thermal Lamination Film BOPP Digital Gloss

31 PCT-2 (DL) Digital

Description

It is BOPP based, one side glossy and both side treated thermal laminating film. Film has modified extrusion coated surface with low temperature melting resin which enables excellent adhesion to a wide varieties of surfaces, primarily digital toner output.

Features

- Excellent optical properties
- Excellent resistance to elongation & tear
- Excellent bonding with digitally printed surface or digital prints containing high levels of fuser oil

Applications

- For glossy finish thermal laminating with digital printed paper and paper boards such as digital postcards, photo books, book covers, textbooks, magazines, brochures, manuals, wedding cards, posters

Typical values

Properties	Ref.	Units	ASTM#/ Test Method	31 PCT-2 (DL) Digital
Physical Data				
Average Thickness		Micron	D-374-C	31
		Gauge		124
		Mils		1.22
Average substance		g/m ²		27
Yield		m ² /Kg		37.0
Surface Tension(min)	Glossy	dynes/cm	D-2578	38
	Ex-coated Side			42
Optical Data				
Gloss (45°)	Uncoated Side	Gardner	D-2457	58
Thermal Data				
Lamination Temperature		°C	D-1204	105 - 120
		°F		(221 - 248)
Lamination Speed		m/min	CTM	1-10
		feet/min		3 - 33
Lamination bond strength after(24 hours digital Konica Minolta Bizhub Press 1085 Prints)	D-882	gm/25mm	CTM	> 350

CTM : Cosmo Test Method

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 25 Deg .C (+/- 5 %) & relative humidity 55% (+/-5 %) to avoid accelerated reduction of surface treatment level

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