

Synthetic Paper

More White, Matte, Both Side Coated, Roll/Sheet Form

CSPR-2 (MW) BTC / CSPS-2 (MW) BTC

Description

It is a co-extruded, white opaque, both sides matte coated white shade film which resembles paper in appearance,

Features

- Suitable for powder toner printing (electrophotography)
- Printable on both side by, HP Indigo, Conventional/UV offset, water and UV flexo, letterpress, screen, and thermal transfer printing processes.
- Non – tearable
- High tear resistance
- Moisture resistance
- Dimensionally stable
- Excellent printability

Applications

- Suitable for Photo album application coffee-table books, Mark Sheets, Certificates, Menu Cards, Garment hang tags, horticulture identification tags, Tree tags, cattle identification tags, etc.

Instruction to Use

- Do proper fanning of sheets prior to load in tray
- It is recommended to involve the service engineer for media Settings
- If require adjust image transfer current to get good quality print result
- Please ensure proper earthing of the machine
- Suggested to use external static eliminator device for higher productivity.
- Maintain room temperature in between 20 - 25 °C & relative humidity 55 % ± 10%.

Typical Values

Properties	Ref.	Units	ASTM # / Test Method	CSPR-2 (MW) BTC / CSPS-2 (MW) BTC			
Physical Data							
Average Thickness		micron	D-374-C	150	175	200	230
		Gauge		600	700	800	920
		Mills		6.0	6.9	7.9	9.1
Average Substance		g/m ²		163.7	201.44	227.2	250.94
Thickness Variation		% (±)		5			
Surface Tension (min)	Both Side	dynes/cm	D-2578	38			
Yield		m ² /Kg	D-4321	6.11	4.96	4.40	3.98
Optical Data							
Gloss (45°)		gardner	D-2457	6.0 - 7.0			
Opacity		%	Hunter Lab D25 - 2CR	> 83			
Whiteness Index		%	E-313	> 85			
Mechanical Data							
Tensile Strength	MD	kg/cm ²	D-882	1000 - 1200			
	TD			1700 - 1900			
Elongation	MD	%	D-882	180 - 220			
	TD			40 - 60			

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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