

Synthetic Paper

Matte, Both Side Coated, Roll/Sheet Form

CSPR-2 (M) BTC / CSPA-2 (M) BTC

Description

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

Features

- Non – tearable
- Moisture resistance
- Dimensionally stable
- Excellent printability
- Excellent folding endurance
- Recyclable
- Writeable with pencils and oil-based pens
- Printable both sides by conventional and UV offset , water and UV flexo, letterpress, screen, HP Latex and thermal transfer printing.
- Certified for HP Indigo presses - multi-shot mode
- Can be folded, sheeted, stapled, hot foil stamped, die – punched, serrated, adhesive bonded and perforated (for perforation always keep tie length ≤ 0.5 mm & cut portion ≥ 2 mm.)

Applications

- Commercial Printing – maps, calendars, brochures, Menu cards , flip charts, children books
- Tags and Labels – Garment hang tags, horticulture identification tags, Tree tags, cattle identification tags, baggage tags, Glass bottle labels, food & pharma packaging labels, etc.
- Retail & Packaging – POP graphics, posters, danglers, indoor billboards, banners, backlit displays
- Identification & Credentials – visiting cards, identity Cards, marksheets & certificates, legal documents
- Outdoor – outdoor billboards, frontlit & backlit Displays, train station & Airport signages

Typical Values

Properties	Ref.	Units	ASTM#/Test Method	CSPR-2 (M) BTC / CSPA-2 (M) BTC									
Physical Data													
Average Thickness		micron	D-374-C	152	175	205	254	305	356	380	406	435	510
		Gauge		608	700	820	1016	1220	1424	1520	1624	1740	2040
		Mills		6.0	7.0	8.0	10.0	12.0	14.0	15.2	16.0	17.4	20.4
Average Substance		g/m ²		108.5	131.5	145.5	182.5	210.5	242.5	261.5	286.5	298.5	344.5
Thickness Variation		% (±)		5									
Surface Tension (min)	Both Side	dynes/cm	D-2578	38									
Yield		m ² /Kg	D-4321	9.2	7.6	6.8	5.4	4.7	4.1	3.82	3.5	3.35	2.9
		in ² /lb		6468	5343	4780	3796	3304	2882	2685	2460	2355	2039
Optical Data													
Gloss (45°)	Both Side	gardner	D-2457	5.0 - 7.0									
Opacity		%	Hunter Lab D25 - 2CR	> 90									
Whiteness Index		%	E-313	> 90									
Mechanical Data													
Tensile Strength	MD	kg/cm ²	D-882	550 - 650									
	TD			1100 - 1300									
Elongation	MD	%	D-882	130 - 180									
	TD			20 - 40									

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: Maintain room temperature in between 20 - 25 °C & relative humidity 40 - 55 %.

Cosmo Films

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