

Synthetic Paper Matte, Both Side Coated, Roll/Sheet Form

CSPR-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									
Physical Data													
Average Thickness		Micron	D-374-C	95	125	150	175	200	250	275	330	380	435
		Gauge		380	500	600	700	800	1000	1100	1320	1520	1740
		Mils		3.8	5.0	6.0	6.9	8.0	10.0	11.0	13.2	15.2	17.4
Average substance		g/m ²	83.25	94.5	108.5	131.5	145.5	182.5	196.5	233.5	261.5	298.5	
Thickness Variation		%(±)	5										
Surface Tension(min)	Both Side	dynes/cm	D-2578	38									
Yield		m ² /Kg	D-4321	12.0	10.6	9.2	7.6	6.9	5.5	5.1	4.3	3.8	3.4
		in ² /lb		8445	7440	6480	5347	4832	3852	3578	3011	2689	2355
Optical Data													
Gloss (45°)	Glossy Side	Gardner	D-2457	5.0-7.0									
Opacity		%	Hunter Lab D25-2CR	>90									
Whiteness Index		%	E-313	>85									
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 : 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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