

Synthetic Paper

Matte, Both Side Coated, Roll/Sheet Form

Provisional Data Sheet

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
- Oil and chemical resistance
- Dimensionally stable
- Excellent printability
- Excellent folding endurance
- Recyclable
- Superior tensile and tear strength
- Writeable with pencils and oil-based pens
- Printable both sides by conventional and UV offset , water and UV flexo, letterpress, screen, thermal transfer and digital (on selected toner technologies)
- 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 & edges of perforated sheet or label should be cut.)

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

Properties	Ref.	Units	ASTM # / Test Method	CSPR-2 (M) BTC / CSPS-2 (M) BTC									
Physical Data													
Average Thickness		micron		95	125	150	175	200	250	275	330	380	435
		Gauge	D-374-C	380	500	600	700	800	1000	1100	1320	1520	1740
		Mills		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		73.5	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	13.6	10.5	9.2	7.6	6.8	5.4	5.0	4.2	3.8	3.3
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									

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 Limited

B-14/8-9, MIDC Industrial Area, Waluj, Aurangabad - 431 136, India, T: +91 240 6660000,
1008,DLF Tower -A, Jasola District Centre, New Delhi - 110 025, India, T: + 91-11-49 49 49 49,
E-mail: sales.enquiry@cosmofilms.com