

Synthetic Paper

Matte, Non Coated, Roll/Sheet Form

Typical Values

Description

It is a co-extruded, white opaque, both sides corona treated 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 by Conventional offset and Screen printing processes
- 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 tags, baggage tags, Glass bottle labels, food labels, horticulture labels
- 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) / CSPS-2 (M)									
Physical Data													
Average Thickness		micron		95	120	150	175	195	215	275	330	375	430
		Gauge	D-374-C	380	480	600	700	780	860	1100	1320	1500	1720
		Mills		3.8	4.8	6.0	7.0	7.8	8.6	11.0	13.2	15.0	17.2
Average Substance		g/m ²		69.0	88.0	106.0	127.0	140.0	155.0	202.0	231.0	266.0	305.0
Thickness Variation		% (±)		5									
Surface Tension (min)	Both Side	dynes/cm	D-2578	>38									
Yield		m ² /Kg	D-4321	14.4	11.3	9.4	7.8	7.1	6.4	5.0	4.3	3.7	3.2
Optical Data													
Gloss (45 °)		gardner	D-2457	10				10					
Opacity		%	Hunter Lab D25 - 2CR	70-75	90	93	95						
Whiteness Index		%	E-313	92				94					
Mechanical Data													
Tensile Strength	MD	kg/cm ²	D-882	600				650					
	TD			1200				1400					

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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