

# Synthetic Paper Matte, Non Coated, Roll/Sheet Form

## CSPR-2(M)

### 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

### Typical values

Properties	Ref.	Units	ASTM#/ Test Method	CSPR-2(M)									
<b>Physical Data</b>													
Average Thickness		Micron	D-374-C	95	120	150	175	195	215	275	330	375	430
		Gauge		380	480	600	700	780	860	1100	1320	1500	1720
		Mils		3.8	4.8	6.0	7.0	7.8	8.6	11.0	13.2	15.0	17.2
Average substance		g/m <sup>2</sup>		69	88	106	127	140	155	202	231	266	305
Thickness Variation		% (±)		5									
Surface Tension(min)	Both Side	dynes/cm	D-2578	>38									
Yield		m <sup>2</sup> /Kg		14.4	11.3	9.4	7.8	7.1	6.4	5.0	4.3	3.7	3.2
<b>Optical Data</b>													
Gloss (45°)		Gardner	D-2457	9.0 - 12									
Opacity		%	Hunter Lab D25-2CR	90	90	93	95	95	95	95	95	95	95
Whiteness Index		%	E-313	92	92	92	94	94	94	94	94	94	94
<b>Mechanical Data</b>													
Tensile Strength	MD	kg/cm <sup>2</sup>	D-882	550-650									
	TD			1100-1400									
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.

**Cosmo Films Limited**

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 | www.cosmofilms.com

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