

# Synthetic Paper Matte, Uncoated, Roll/Sheet Form

## CSPR-2 (M) Q / CSPS-2 (M) Q

### Description

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

### Features

- Non – tearable
- Water & Oil resistance
- Dimensionally stable
- Excellent printability
- Excellent folding endurance
- Recyclable
- Superior tensile and tear strength
- Writeable with pencils and oil-based pens
- Printable by Conventional & UV offset, Screen, printing & Letter Press 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 & cut portion ≥ 2 mm.)

### 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) Q / CSPS-2 (M) Q									
<b>Physical Data</b>													
Average Thickness		Mills	D-374-C	152	175	205	254	305	356	380	406	435	510
		Gauge		608	700	820	1016	1220	1424	1520	1624	1740	2040
		Micron		6.0	7.0	8.0	10.0	12.0	14.0	15.0	16.0	17.4	20.4
Average Substance		g/m <sup>2</sup>		119.5	142.5	158.5	193.5	221.5	253.5	276.5	297.5	311.5	355.5
Thickness Variation		% (±)		5									
Yield		m <sup>2</sup> /Kg	D-4321	8.36	7.0	6.30	5.16	4.51	3.94	3.61	3.36	3.21	2.81
		in <sup>2</sup> /lb		5877	4921	4429	3627	3170	2770	2538	2362	2256	1975
<b>Optical Data</b>													
Gloss (45 °)	Both Side	gardner	D-2457	10.0 - 12.0									
Opacity		%	Hunter Lab D25 - 2CR	>90									
Whiteness Index		%	E-313	>90									
<b>Mechanical Data</b>													
Tensile Strength	MD	kg/cm <sup>2</sup>	D-882	550 - 650									
	TD			1100 - 1400									
Elongation	MD	kg/cm <sup>2</sup>	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.

### Cosmo Films

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