

Synthetic Paper Matte, Top Coated, Roll Form

CSPR-2 (M) TC

Description

It is a co-extruded, white opaque, one side matte coated polypropylene based film which resembles paper in appearance

Features

- Non – tearable
- Moisture resistance
- Oil resistance
- Dimensionally stable
- Excellent printability
- Excellent folding endurance
- Recyclable
- Writeable with pencils and oil-based pens
- Printable on top coated side 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 – Coasters, Table mats, Mouse pad, Posters, POP graphics, posters, danglers, indoor billboards, banners, backlit displays etc.
- Durable Tags and Labels – garment hang tags, horticulture identification tags, Tree tags, cattle identification tags, Food & pharma packaging labels, Electronic appliances labels, Chemical drum labels, paint & other container labels, Construction site stickers, warning labels, track & trace labels, Airport transfer tag, etc.
- Outdoor – outdoor billboards, frontlit & backlit Displays, train station & airport signages

Typical Values

Properties	Ref.	Units	ASTM#/Test Method	CSPR-2 (M) TC						
Physical Data										
Average Thickness		micron	D-374-C	75	95	120	150	170	190	210
		Gauge		300	380	480	600	680	760	840
		Mills		3.0	3.8	4.8	6.0	6.8	7.6	8.4
Average Substance		g/m ²		49.5	72.2	88.2	109.2	123.2	136.2	146.2
Thickness Variation		% (±)		5						
Surface Tension (min)	Both Side	dynes/cm	D-2578	38						
Yield		m ² /Kg	D-4321	20.2	13.8	11.3	9.1	8.1	7.3	6.8
Optical Data										
Gloss (45 °)	CS	gardner	D-2457	5.0 - 7.0						
	NCS			10 - 12						
Opacity		%	Hunter Lab D25 - 2CR	> 85						
Whiteness Index		%	E-313	> 90						
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: Maintain room temperature in between 20 - 25 °C & relative humidity 40 - 55 %.

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