

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, thermal transfer printing, HP Latex, & HP Indigo presses.
- 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 lables, 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	95	120	150	170	190	210
		Gauge		380	480	600	680	760	840
		Mils		3.8	4.8	6.0	6.8	7.6	8.4
Average substance		g/m ²		72.2	98.0	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	13.8	10.2	9.1	8.1	7.3	6.8
		in ² /lb		9702	7171	6397	5694	5132	4780
Optical Data									
Gloss (45°)	Uncoated Side	Gardner	D-2457	10.0 - 12.0					
	Coated Side			5.0 - 7.0					
Opacity		%	Hunter Lab D25-2CR	> 85					
Whiteness Index		%	E-313	> 85					
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 : Storage temperature to be maintained 25 Deg.C (+/-5 Deg C) & relative humidity 55% (+/-5%) to avoid accelerated reduction of surface treatment level.