

Synthetic Paper High Tear Resistance, Matte Both Side Coated

CSPR-2(M) FLEXI

Description

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

Features

- Non – tearable
- High tear resistance
- Dimensionally stable
- Excellent printability
- Printable on both side by UV offset , water and UV flexo, and thermal transfer printing processes.
- die – punched, and perforated

Applications

- Durable Tags and Labels – Garment hang tags, horticulture identification tags, Tree tags, cattle identification tags, Airport transfer tag, etc.

Typical values

Properties	Ref.	Units	ASTM#/ Test Method	CSPR-2(M) FLEXI			
Physical Data							
Average Thickness		Micron	D-374-C	125	150	200	250
		Gauge		500	600	800	1000
		Mils		5.00	6.00	8.00	10.00
Average substance		g/m ²		125.5	145.5	197.5	249.5
Thickness Variation		%(±)		5			
Surface Tension(min)	Both Side	dynes/cm	D-2578	38			
Yield		m ² /Kg	D-4321	8.0	6.9	5.1	4.0
		in ² /lb		5602	4832	3560	2812
Optical Data							
Gloss (45°)		Gardner	D-2457	5.0-7.0			
Opacity		%	Hunter Lab D25-2CR	>83			
Whiteness Index		%	E-313	>85			
Mechanical Data							
Tensile Strength	MD	kg/cm ²	D-882	230-300			
	TD			120-220			
Elongation	MD	%	D-882	>500			
	TD			>500			
Initial Tear Strength	MD	kgf	CTM	3.0-3.5	3.5-4.0	4.5-5.0	5.5-6.5
	TD			3.5-4.0	4.5-5.0	5.5-6.0	7.0-7.5

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.

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