

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	150	175	205	254	305	356	380	406	435	510
		Gauge		600	700	820	1016	1220	1424	1520	1624	1740	2040
		Mills		6.0	7.0	8.0	10.0	12.0	14.0	15.2	16.0	17.4	20.4
Average Substance		g/m ²		145.5	169.2	197.5	249.5	301.5	353.5	373.5	403.5	431.5	503.5
Thickness Variation		% (±)		5									
Surface Tension (min)	Both Side	dynes/cm	D-2578	38									
Yield		m ² /Kg	D-4321	6.8	5.9	5.0	4.0	3.3	2.8	2.6	2.5	2.3	1.2
Yield		in ² /lb		4781	4148	3515	2812	2320	1968	1828	1757	1617	843
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 Resistance	MD	kgf	CTM	3.5 - 8.0									
	TD			4.5 - 9.5									

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: Maintain room temperature in between 20 - 25 °C & relative humidity 40 - 55 %.

Cosmo Films

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