COSMO FILMS
Engineered to Enhance

Technical Data Sheet

Synthetic Paper More White, Matte, Both Side Coated, Roll/Sheet Form

CSPR/CSPS-2(MW) BTC

Description

It is a co-extruded , white opaque, both sides matte coated white shade film which resembles paper in appearance.

Features

- Suitable for powder toner printing (electrophotography)
- Printable on both side by, HP Indigo, HP Latex, UV inkjet, Conventional/UV offset, water and UV flexo, letterpress, screen, and thermal transfer
- Non – tearable
- High tear resistance
- Moisture resistance
- Dimensionally stable
- Excellent printability

Applications

- Suitable for Photo album application coffee-table books, Mark Sheets,Certificates, Menu Cards, Garment hang tags, horticulture identification tags, Tree tags, cattle identification tags, etc.

Special Instruction

- Do proper fanning of sheets prior to load in tray
- It is recommended to involve the service engineer for media Settings
- If require adjust image transfer current to get good quality print result
- Please ensure proper earthing of the machine
- Suggested to use external static eliminator device for higher productivity.
- Maintain room temperature in between 20 - 25 0C & relative humidity 55 % ± 10%.

Typical values

Properties	Ref.	Units	ASTM#/ Test Method	CSPR/CSPS-2(MW) BTC		
Physical Data						
Average Thickness		Micron	D-374-C	175	200	230
		Gauge		700	800	920
		Mils		7.0	8.0	9.2
Average substance		g/m²		201.44	227.2	250.94
Thickness Variation		%(±)		5		
Surface Tension(min)		dynes/cm	D-2578	38		
Yield		m²/Kg	D-4321	5.0	4.4	4.0
		in²/lb		3490	3094	2802
Optical Data						
Gloss (45º)	Both Side	Gardner	D-2457	6.0-7.0		
Opacity		%	Hunter Lab D25-2CR	>85		
Whiteness Index		%	E-313	>85		
Mechanical Data						
Tensile Strength	MD	kg/cm²	D-882	1000-1200		
	TD			1700-1900		
Elongation	MD	%	D-882	180-220		
	TD			40-60		

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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Create Date : 2022-Aug-25