

Printing & Pouching Film Silky Matte, Heat Sealable

HST-1(SILKY-BM)

Structure



Description

It is a co-extruded, one side treated and both sides silky matte Bi-axially Oriented Polypropylene film.

Features

- Good printability
- Excellent machinability
- Unique optics

Applications

- Printing and Lamination

Typical values

Properties	Ref.	Units	ASTM#/ Test Method	HST-1(SILKY-BM)	
Physical Data					
Average Thickness		Micron	D-374-C	25	30
		Gauge		100	120
		Mils		1.0	1.2
Thickness Variation		%(±)		3	
Density		g/cc		0.88	
Average substance		g/m ²		22.0	26.4
Kinetic COF	UT-UT		D-1894	0.20 - 0.30	
Yield		m ² /Kg	D-4321	45.5	37.9
		in ² /lb		31958	26631
Optical Data					
Gloss (45°)		Gardner	D-2457	20.0 - 30.0	
Haze		%	D-1003	25.0 - 35.0	
Mechanical Data					
Tensile Strength	MD	kg/cm ²	D-882	1100 - 1300	
	TD			2500 - 2800	
Elongation	MD	%	D-882	140 - 200	
	TD			35 - 70	
Thermal Data					
Shrinkage (120°C/248 °F,5 min)	MD	%	D-1204	3.0 - 5.0	
	TD			1.0 - 3.0	
Heat Seal Strength(135 °C /275 °F, 2.0 bar-0.5 sec.)	UT-UT	g/25mm	CTM	475	

CTM : Cosmo Test Method

MD : Machine Direction

TD : Transverse Direction

UT : Untreated

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.

Cosmo Films Limited

1st Floor, Uppal's Plaza, M-6 Jasola District Centre, New Delhi - 110025, India, T: + 91-11-49 49 49 49,

E-mail: sales.enquiry@cosmofilms.com | www.cosmofilms.com

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