

Printing & Pouching Film Matte

HST-1(M)

Structure



Description

It is a co-extruded, one side matte, other side corona treated Bi-axially Oriented Polypropylene film

Features

- Excellent machinability
- High haze for natural look
- Good ink adhesion on glossy side
- Good contact clarity
- Good moisture barrier
- Low static charge

Applications

- Reverse printing & lamination for multi layer laminate for natural / matte looks

Typical values

Properties	Ref.	Units	ASTM#/ Test Method	HST-1(M)		
Physical Data						
Average Thickness		Micron	D-374-C	18	20	30
		Gauge		72	80	120
		Mils		0.7	0.8	1.2
Thickness Variation		%(±)		3		
Density		g/cc		0.84		
Average substance		g/m ²		15.1	16.8	25.2
Surface Tension(min)	Glossy	dynes/cm	D-2578	38		
Kinetic COF	M-M		D-1894	0.35-0.45		
Yield		m ² /Kg	D-4321	66.2	59.5	39.6
		in ² /lb		46543	41832	27841
Optical Data						
Gloss (45°)	Matte	Gardner	D-2457	7.0-10.0		
Haze		%	D-1003	>65		
Mechanical Data						
Tensile Strength	MD	kg/cm ²	D-882	1000-1400		
	TD			2300-2700		
Elongation	MD	%	D-882	130-180		
	TD			30-80		
Thermal Data						
Shrinkage (120°C/248 °F,5 min)	MD	%	D-1204	3.0-5.0		
	TD			1.0-3.0		

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction M : Matte Side
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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