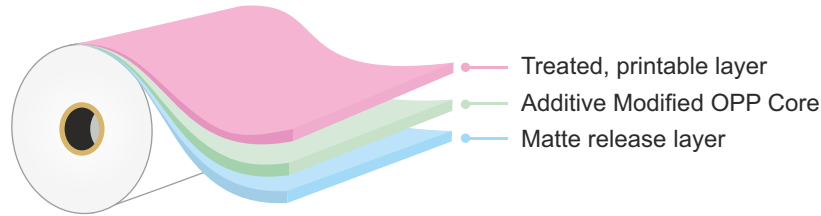


Printing & Pouching Film Matte, Cold Seal Release

HST-1(M) CSR

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
- Good cold seal release on matte layer

Applications

- Reverse printing & lamination for multi layer laminate for natural / matte looks.
- Specially formulated for cold seal release applications.

Typical Values

Properties	Ref.	Units	ASTM # / Test Method	HST-1 (M) CSR		
Physical Data						
Average Thickness		micron	D-374-C	15	18	25
		gauge		60	72	100
		mils		0.6	0.7	1.0
Thickness Variation		% (±)		3		
Density		g/cc		0.84		
Average Substance		g/m ²		12.6	15.12	21.0
Wettability (min.)	Gloss side	dynes/cm	D-2578	38		
Kinetic COF	Matte - Matte		D-1894	0.15 – 0.30		
Yield		m ² /Kg	D-4321	79.3	66.13	47.61
		in ² /lb		55753	46494	33473
Optical Data						
Gloss (45 °)	Matte side	gardner	D-2457	7 - 10		
Haze		%	D-1003	67 - 75		
Mechanical Data						
Tensile Strength	MD	kg/ cm ²	D-882	1000 - 1400		
	TD			2400 - 2800		
Elongation	MD	%	D-882	140 - 200		
	TD			30 - 70		
Thermal Data						
Shrinkage (120 °C, 5 min.)	MD	%	D-1204	2 - 4		
	TD			1 - 3		
Barrier Data						
MVTR (38 °C, 90%RH)		g/m ² /day	F-1249	<6.5		

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.

Updated as on Oct. -2024