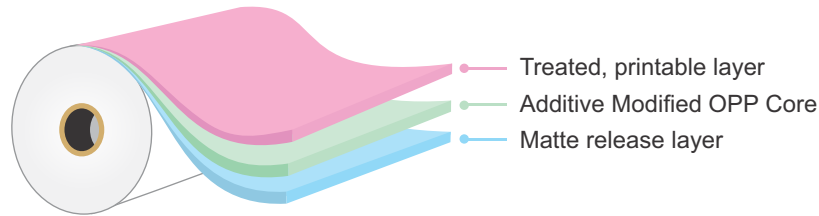


Printing & Pouching Film Matte, Cold Seal Release

HST-1(M) CSR

Provisional Data Sheet

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.

Properties	Ref.	Units	ASTM # / Test Method	HST-1 (M) CSR			
Physical Data							
Average Thickness		micron	D-374-C	15	18	20	25
		gauge		60	72	80	100
		mils		0.6	0.70	0.78	1.0
Thickness Variation		% (±)		3			
Density		g/cc		0.84			
Average Substance		g/m ²		12.6	15.1	16.8	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	59.52	47.61
		in ² /lb		55753	46494	41846	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.