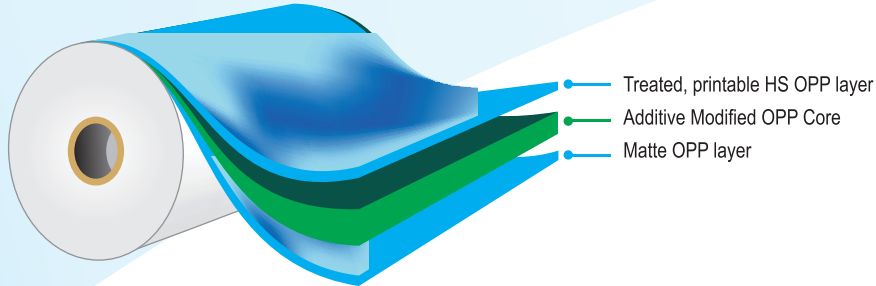


Printing pouching

(Matte)

HST-1(M)

Structure



Description

It is a co-extruded, one side matte, other side corona treated heat sealable 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	15	18	20	25	28	30
		gauge		59.06	70.87	78.74	98.42	110.24	118.11
		mils		0.59	0.71	0.79	0.98	1.10	1.18
Thickness Variation		% (±)		3					
Density		g/cc		0.84					
Average Substance		g/m ²		12.6	15.12	16.8	21.0	23.52	25.2
Wettability (min.)	Gloss side	dynes/cm	D-2578	38					
Kinetic COF	Matte - Matte		D-1894	0.40 – 0.50					
Yield		m ² /Kg	D-4321	79.36	66.13	59.52	47.61	42.51	39.68
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					
Seal Initiation Temp.	Gloss - Gloss	°C	CTM	118					
Heat Seal Strength	Gloss - Gloss	g/25 mm	CTM	400	400	400	450	475	475

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.

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