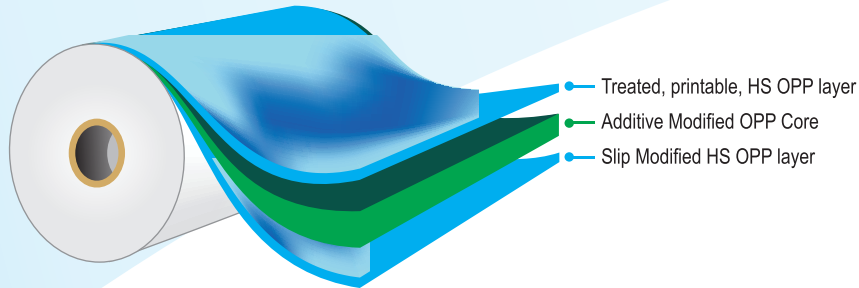


Printing Pouching (Stable COF)

HST-1 (SCF)

Structure



Description

It is a co-extruded, both sides heat sealable and one side treated Bi-axially Oriented Polypropylene film

Features

- Excellent machinability
- Good ink adhesion
- Stable COF throughout printing & lamination processes
- Good heat seal strength and moisture barrier

Applications

- General purpose printing and pouching of snacks and bakery products
- As a component in multi-layer laminate for VFFS & HFFS application

Typical Values

Properties	Ref.	Units	Astm # / Test Method	HST-1 (SCF)							
Physical Data											
Average Thickness		micron		15	17	18	20	25	30	35	
		gauge		59.06	66.92	70.87	78.6	98.43	118.11	137.80	
		mils		0.59	0.67	0.71	0.78	0.98	1.18	1.38	
Thickness Variation		% (±)		3							
Density		g/cc		0.905							
Average Substance		g/m ²		13.58	15.38	16.29	18.1	22.63	27.15	31.68	
Wettability (min.)		dynes/cm	D-2578	36							
Kinetic COF	UT-UT		D-1894	0.25 – 0.35							
Yield		m ² /Kg	D-4321	73.66	65.01	61.39	55.24	44.20	36.83	31.57	
Optical Data											
Gloss (45 °)		gardner	D-2457	85 - 90							
Haze		%	D-1003	1.5 – 2.5				1.7 – 2.7			
Mechanical Data											
Tensile Strength	MD	kg/ cm ²	D-882	1200 - 1500							
	TD			2400 – 2800							
Elongation	MD	%	D-882	140 - 200							
	TD			30 - 80							
Thermal Data											
Shrinkage (120 °C, 5 min.)	MD	%	D-1204	2 – 4							
	TD			0.5 – 2.5							
Seal Initiation Temp.		°C	CTM	118							
Heat Seal Strength		g/25 mm	CTM	350	400	400	450	475	500	525	

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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