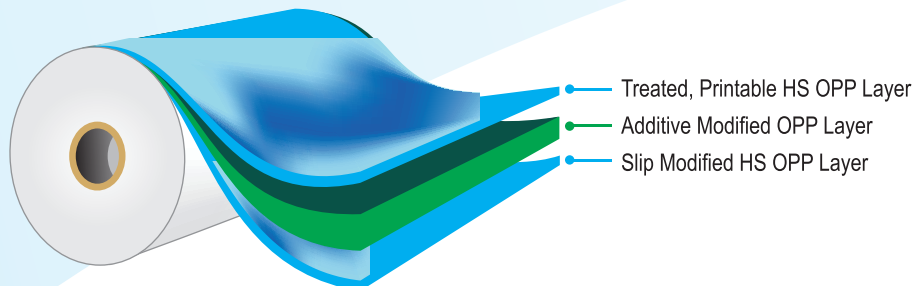


PRINTING POUCHING (OXO - BIODEGRADABLE FILM)

HST-1 (OBD)

Structure



Description

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

Features

- Oxo-biodegradable within 2 to 2.5 years
- Excellent machinability
- Good ink adhesion
- 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 (OBD)	
Physical Data					
Average Thickness		micron	D-374-C	15	25
		gauge		59.06	98.43
		mils		0.59	0.98
Thickness Variation		% (±)		3	
Density		g/cc		0.905	
Average Substance		g/m ²		13.58	22.63
Wettability (min.)		dynes/cm	D-2578	38	
Kinetic COF	UT-UT		D-1894	0.20 – 0.30	
Yield		m ² /Kg	D-4321	73.64	44.19
Optical Data					
Gloss (45 °)		gardner	D-2457	85-90	85-90
Haze		%	D-1003	1.5-2.5	1.5-2.5
Mechanical Data					
Tensile Strength	MD	kg/ cm ²	D-882	1200 - 1500	
	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	
Heat Initiation Temp.		°C	CTM	105	
Heat Seal Strength		g/25 mm	CTM	400	525

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.

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction

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