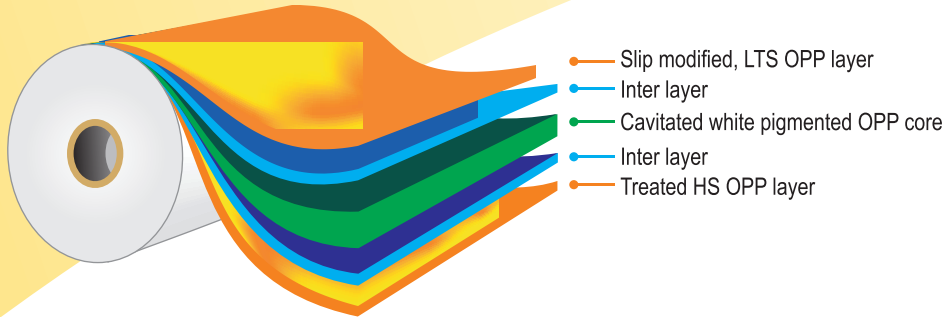


Printing pouching

(White Cavitated – High Gloss & Low Heat sealing)

38 HST-1 (PLO) T095

Structure



Description

It is a co-extruded, white cavitated, one side corona treated and other side slip modified, low temperature sealable Bi-axially Oriented Polypropylene film.

Features

- Wide temperature heat sealing window for high speed packaging
- Sparkling gloss for excellent package presentation
- Uniform and low slip
- Excellent machinability
- Low density and high yield
- High barrier to normal and UV Light
- Good printability in flexographic and rotogravure printing

Applications

- High speed packaging with superb aesthetic appeal
- Ideal for snack food and confectionery packaging

Typical Values

Properties	Ref.	Units	Astm # / Test Method	38 HST-1 (PLO) T095
Physical Data				
Average Thickness		micron	D-374-C	38
		gauge		149.60
		mils		1.49
Thickness Variation		% (±)		5
Unit Weight		g/m ²		27.74
Density		g/cc		0.70
Wettability (min.)		dynes/cm	D-2578	38
Kinetic COF	UT - UT		D-1894	0.25 – 0.35
Yield		m ² /kg	D-4321	36.05
Optical Data				
Gloss (45 °)		gardner	D-2457	90
Opacity		%	Hunter Lab(D25-2CR)	83 - 88
Whiteness Index		%	E-313	> 80
Mechanical Data				
Tensile Strength	MD	kg/ cm ²	D-882	650 - 850
	TD			1300 – 1700
Elongation	MD	%	D-882	140 - 200
	TD			30 -70
Thermal Data				
Shrinkage (120 °C, 5 min.)	MD	%	D-1204	2 -5
	TD			1 – 3
Seal Initiation Temp.		°C	CTM	95
Heat Seal Strength		g/25 mm	CTM	500
Barrier Data				
MVTR (38 °C, 90%RH)		g/m ² /day	F-1249	3.0

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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