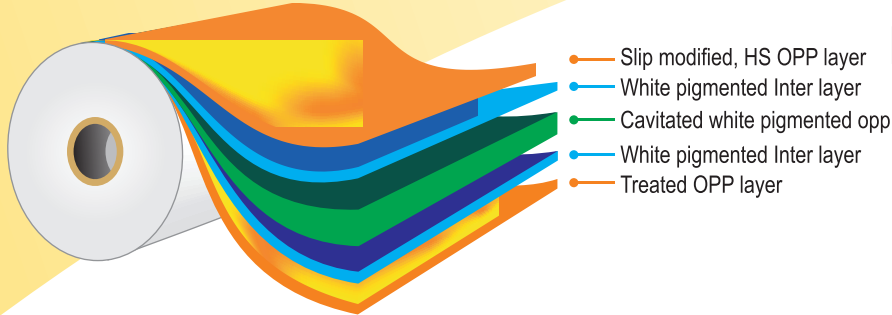


# Printing pouching (white opaque – low density)

## 15 HST-1 (W) LD

### Structure



- Slip modified, HS OPP layer
- White pigmented Inter layer
- Cavitated white pigmented opp
- White pigmented Inter layer
- Treated OPP layer

### Description

It is a co-extruded, one side heat sealable and other side treated low density white opaque Bi-axially Oriented Polypropylene film.

### Features

- Excellent machinability with good seal strength
- Excellent aesthetics
- High whiteness index
- Good moisture and UV light barrier
- High yield

### 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	15 HST-1 (W) LD
<b>Physical Data</b>				
Average Thickness		micron	D-374-C	15
		gauge		59.06
		mils		0.59
Thickness Variation		% (±)		5
Density		g/cc		0.87
Average Substance		g/m <sup>2</sup>		13.05
Wettability (min.)		dynes/cm	D-2578	38
Kinetic COF	UT/UT		D-1894	0.40 – 0.50
Yield		m <sup>2</sup> /kg	D-4321	77.51
<b>Optical Data</b>				
Gloss (45 °)		gardner	D-2457	45 – 50
Opacity		%	Hunter Lab (D25-2CR)	60 – 65
Whiteness Index		%	E-313	82 – 87
<b>Mechanical Data</b>				
Tensile Strength	MD	kg/ cm <sup>2</sup>	D-882	700 – 900
	TD			1700 – 2000
Elongation	MD	%	D-882	90 – 140
	TD			25 – 55
<b>Thermal Data</b>				
Shrinkage (120 °C, 5 min.)	MD	%	D-1204	2 – 4
	TD			1 – 3
Seal Initiation Temp.		°C [ °F ]	CTM	118 [ 244.4 °F ]
Heat Seal Strength (min.)		g/25 mm	CTM	350

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.

### Cosmo Films Limited