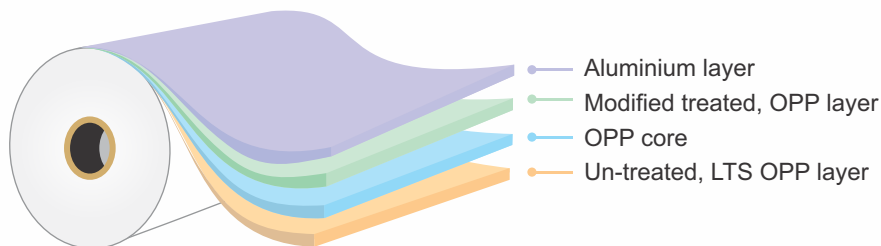


Printing & Pouching Film Metalized, Low SIT, Heat Sealable

HST-1 (MO) T095

Structure



Description

It is a co-extruded, one side metallised and other side low temperature heat sealable Bi-axially Oriented Polypropylene film.

Features

- Outstanding metal appearance
- Excellent metal adhesion to film
- Very Good barrier to moisture and light
- Good gas barrier
- Good heat seal strength
- Low sealing temperature

Applications

- Inner seal web in multi-layer laminate
- Packaging

Typical Values

Properties	Ref.	Units	ASTM # / Test Method	HST-1 (MO) T095		
Physical Data						
Average Thickness		micron	D-374-C	15	18	20
		gauge		60	72	80
		Mils		0.6	0.7	0.8
Thickness Variation		% (±)		3		
Density		g/cc		0.905		
Average Substance		g/m ²		13.58	16.29	18.1
Kinetic COF	UT-UT		D - 1894	0.25 - 0.35		
Yield		m ² /Kg	D - 4321	73.63	61.38	55.24
		in ² /lb		51767	43154	38837
Optical Data						
Optical Density			CTM	2.0 - 2.2		
Mechanical Data						
Tensile Strength	MD	kg/ cm ²	D-882	1200 - 1500		
	TD			2400 - 2800		
Elongation	MD	%	D-882	130 - 180		
	TD			30 - 80		
Thermal Data						
Shrinkage (120 °C, 5 min.)	MD	%	D-1204	2.0 - 4.0		
	TD			1.0 - 3.0		
Seal Initiation Temp.		°C	CTM	95		
Heat Seal Strength		g/in	CTM	400	420	420
Barrier Data						
MVTR (38 °C, 90%RH)		g/m ² /day	F-1249	< 0.5		
OTR (23 °C, 0%RH)		cc/m ² /day	D-3985	< 100		

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

1008,DLF Tower -A, Jasola District Centre, New Delhi - 110 025, India, T: + 91-11-49 49 49 49,
E-mail: sales.enquiry@cosmofilms.com | www.cosmofilms.com