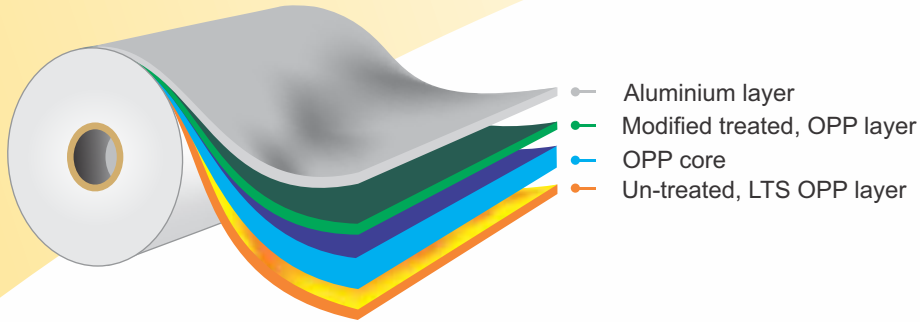


Metallised Heat Sealable Film

HST-1 (MO) T090

Structure



Description

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

Features

- Outstanding metal brilliance
- Excellent metal adhesion to film
- Very Good barrier to moisture and light
- Broad seal range
- High heat seal strength
- Good gas barrier

Applications

- As a single web or a laminate for snack food packaging application
- Inner seal web in multi-layer laminate

Typical Values

Properties	Ref.	Units	Astm # / Test Method	HST-1 (MO) T090	
Physical Data					
Average Thickness		micron	D-374-C	18	20
		gauge		70.87	78.74
		mils		0.71	0.79
Thickness Variation		% (±)		3	
Density		g/cc		0.905	
Average Substance		g/m ²		16.29	18.1
Kinetic COF	UT-UT		D-1894	0.25 - 0.35	
Yield		m ² /kg	D-4321	61.39	55.25
Optical Data					
Optical Density			CTM	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 - 3	
Seal Initiation Temp.		°C	CTM	90	
Heat Seal Strength		g/25mm	CTM	425	450
Barrier Data					
MVTR (38 °C, 90%RH)		g/m ² /day	F-1249	0.4	
OTR (23 °C, 0%RH)		cc/m ² /24	D-3985	80	

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction LTS: low temperature sealing
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.