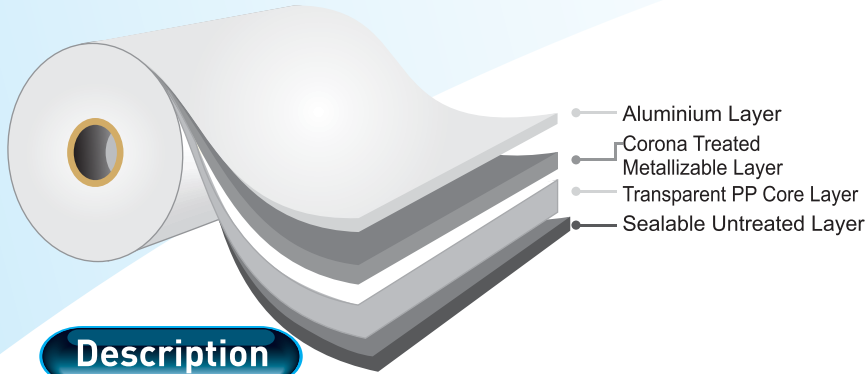


Printing & Pouching Film

Metallised CPP, Heat Sealable

Structure



Description

It is a co-extruded, film having metal deposit on treated side other side heat sealable cast polypropylene film.

Features

- Excellent machinability
- Excellent sealing strength
- Excellent hot tack
- Good barrier

Applications

- Packaging & conversion
- Inner seal web in multi-layer laminate

Typical Values

Properties	Ref.	Units	Astm # / Test Method	HST-1 (MO) CPP					
Physical Data									
Average Thickness		micron		20	22	25	30	35	40
		gauge	D-374-C	80	88	100	120	140	160
Thickness Variation		% (±)		5					
Density		g/cc		0.910					
Average Substance		g/m ²		18.20	20.02	22.75	27.30	31.85	36.40
Surface tension (min.)		dynes/cm	D-2578	38					
Kinetic COF	UT/MO		D-1894	0.26 - 0.30					
Yield		m ² /Kg	D-4321	54.95	49.95	43.96	36.63	31.39	27.47
Optical Data									
Optical Density			CTM	2.0 - 2.2					
Mechanical Data									
Tensile Strength	MD	kg / cm ²	D-882	550 - 650					
	TD			250 - 300					
Elongation	MD	%	D-882	500 - 600					
	TD			600 - 700					
Thermal Data									
Seal Initiation Temp.		°C	CTM	105					
Heat Seal Strength (min)		g/25mm	CTM	1700	1750	1800	2000	2000	2300
Barrier Data									
MVTR (38°C, 90%RH)		g/m ² /day	F-1249	< 1.2					
OTR (23°C, 0%RH)		cc/m ² /24h	D-3985	< 150					

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction MO : Metallized UT : Untreated

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.

* Metallised films are well known to age with time. Climatic conditions and storage period influence the metallised surface treatment level. A guarantee of the duration of the treatment on the metallised surface cannot therefore be given. In case of deterioration of surface treatment level, it is recommended that the material is retreated prior to conversion to optimize adhesion of inks and adhesives.

* However we can give a guarantee of treatment level of 38 dynes/cm (minimum) for a period of 60 days provided that the film is stored at a temp. below 30 °C and relative humidity maximum 50%.

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