



Product Code: SPCPL-MCPPF-02

Physical Data			HIGH METAL BOND METALLIZED CPP FILM		
Properties	Units	Test Method	Typical Values		
Average Thickness(+5%)	Micron	ASTMD 6988	20	22	25
Grammage(+5%)	Gauge		18.1	19.91	22.63
Density	gm/cc	ISO1183	0.905		
Yield(+5%)	m ² /kg		55.24	50.22	44.18
Surface Tension	Dynes/cm	ASTMD2578	38(at time of Dispatch)		
Optical Density	%		2.0-2.5		
Haze	%	ASTMD1003			
Mechanical Properties					
Co-efficient of Friction (COF)	(UT/UT)	ASTMD1894	0.90-1.10		
	(UT/M)	ASTMD1894	0.30-0.35		
Tensile Strength	MD	Kg/cm ²	500-700		
	TD	Kg/cm ²	200-400		
Elongation at Break	MD	%	500-700		
	TD	%	600-800		
Dart Impact Test(Methed-A)	Gms	ASTMD 1709			
Thermal Properties					
Seal initiation temp (250gm/ 2bar/1sec)	°C		105 (+2)		
Heat Seal Strength(min) 135C/2bar/1sec	GM/25mm	ASTMF 88	1600	1700	1800
Metal Bond Strength	Gm/25mm	AIMCAL TP105	≥100		
Water Vapour Transmission Rate(38°C & 90%RH)	g/m ² /Day	ASTMF1249	≤0.4		
Oxygen Gas Transmission Rate(23°C & 0%RH)	cc/m ² /Day	ASTMD3985	≤100		

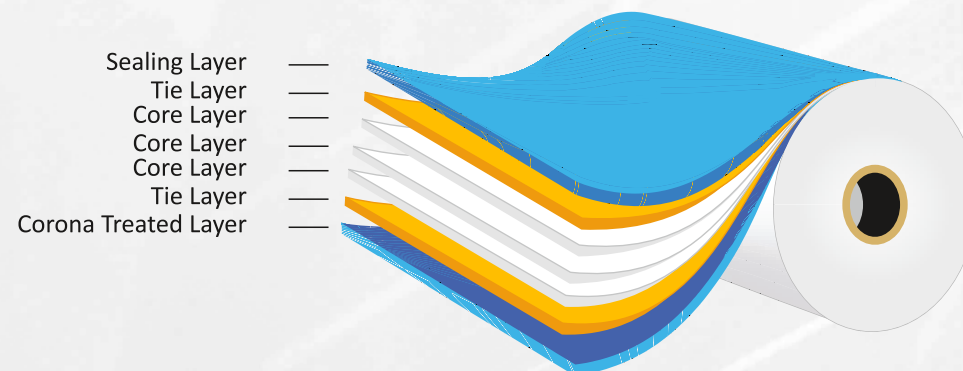
MD: - Machine Direction, TD: - Transverse Direction, UT: - Untreated, M: - Metal
* Thickness, optical density, COF, SIT can be changed as per requirement.

Storage & Handling:

The material to be stored in dry place and at the temperature below 30°C for better treatment stability. The treatment value of the CPP film tends to decay over a period of time. SPCPL is not committed for treatment guaranty over the period. Therefore, it is recommended that the customer should check the treatment levels prior to the processing. It is advised, to inspect and verify the products for suitability of use for the particular purpose. The customer is responsible for the appropriate, safe and legal use of products.

TECHNICAL SPECIFICATION SHEET

HIGH METAL BOND METALLIZED CPP FILM



Product Description:-

METALLIZED CAST POLYPROPYLENE FILM -ONE SIDE HEAT SEALABLE LAYER, OTHER SIDE CORONA TREATED WITH DEPOSITION OF ALUMINUM LAYER.

Product Application:-

- Confectionary and Bakery products, Pulses, Candies, Namkeens, etc

Technical Features:-

- Very good heat seal-ability
- Good barrier properties
- Excellent Machineability
- Good Surface
- Improved metal bond with film

- Film compliance with IS10910:1984, 21CFR 177.1520 (c) of US FDA , Food Contact Legislation on specific Material: 2008/39/EC. The product does not have any type of toxicity, can be reprocessed.

SPCPL reserves the right to change the technical datasheet at any time without information.

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