



Product Code: SPCPL-MCPPF-03

TECHNICAL SPECIFICATION SHEET

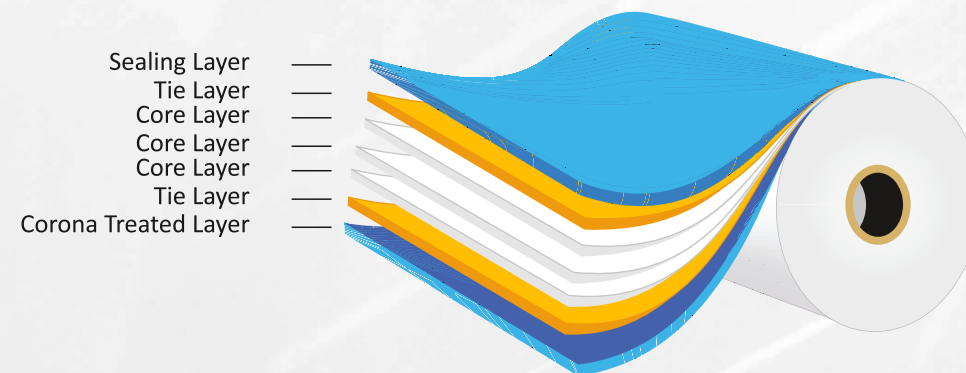
LOW SIT METALLIZED CPP FILM

Physical Data			LOW SIT METALLIZED		
Properties		Units	Test Method	Typicles Values	
Average Thickness(+5%)		Micron	ASTMD 6988	22	25
Grammage(+5%)		Gauge		19.91	22.63
Density		gm/cc	ISO1183	0.905	
Yield(+5%)		m ² /kg		55.22	44.18
Surface Tension		Dynes/cm	ASTMD2578	38	38
Optical Density		%		2.2	
Haze		%	ASTMD1003		
Mechanical Properties					
Co-efficient of Friction (COF)	(UT/UT)		ASTMD1894	0.50-0.70	
	(UT/M)		ASTMD1894	0.50-0.70	
Tensile Strength	MD	Kg/cm ²	ASTMD 882	500-700	
	TD	Kg/cm ²	ASTMD 882	200-400	
Elongation at Break	MD	%	ASTMD 882	500-700	
	MD	%	ASTMD 882	600-800	
Dart Impact Test(Methed-A)		Gms	ASTMD 1709		
Thermal Properties					
Seal initiation temp (250gm/2bar/1sec)		°C		90 (+2)	
Heat Seal Strength(min) 135C/2bar/1sec		GM/25mm	ASTMF 88	1800	2000
Metal Bond Strength		Gm/25mm	AIMCAL TP105	MIN100	
Water Vapour Transmission Rate(38°C & 90%RH)		g /m ² /Day	ASTMF1249	≤0.5	
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.



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 Machinability
- Good Surface

- 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.

SUPER PLASTIC COATS PVT. LTD.

Head Office:
1, Central Market, Near Canara Bank
West Punjabi Bagh, New Delhi 110026
+91 95552 23300

Manufacturing Facility:
IGC Phase 2,
Sidco Industrial Growth Center
Samba 184121, Jammu

Reach Us:
✉ marketing@superplasticcoats.com
🌐 www.superplasticcoats.com