



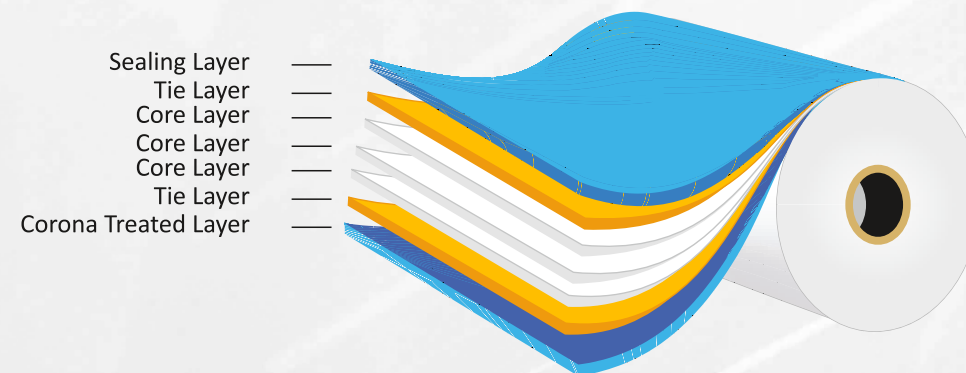
Product Code: SPCPL-TCPPF-01

## TECHNICAL SPECIFICATION SHEET

### TRANSPARENT CPP (LOW COF)

Physical Data			TRANSPARENT CPP(LOW COF)					
Properties	Units	Test Method	Typical Values					
Average Thickness(+5%)	Micron	ASTMD6988	18	20	22	25	30	50
Grammage(+5%)	Gauge		16.29	18.1	19.91	22.63	27.15	45.25
Density	gm/cc	ISO1183	0.905					
Yield(+5%)	m <sup>2</sup> /kg		61.38	55.24	50.22	44.18	36.83	22.09
Surface Tension	Dynes/cm	ASTMD2578	38					
Optical Density	%		NA					
Haze	%	ASTMD1003	≤4					≤6
Mechanical Properties								
Coefficient of Friction (COF)	(F / F)	ASTMD1894	0.10-0.25					
	(F / M)	ASTMD1894	0.15-0.30					
Tensile Strength	MD Kg/cm <sup>2</sup>	ASTMD882	500-700					
	TD Kg/cm <sup>2</sup>	ASTMD882	200-300					
Elongation at Break	MD %	ASTMD882	500-700					
	MD %	ASTMD882	600-800					
Dart Impact Test(Methed-A)	Gms	ASTMD1709						
Thermal Properties								
Seal initiation temp (250gm / 2bar/1sec)	°C		118 (+2)					
Heat Seal Strength(min) 135C/2bar/1sec	GM/25mm	ASTMF88	1500	1600	1700	1800	2000	2500

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



#### Product Description:-

TRANSPARENT CAST POLYPROPYLENE FILM -ONE SIDE HEAT SEALABLE LAYER, OTHER SIDE CORONA TREATED WITH HIGH SLIP

#### 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.

#### 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.

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