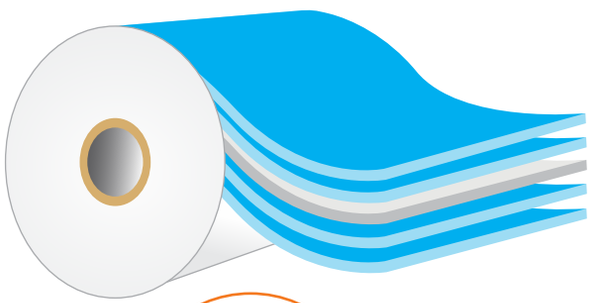
TECHNICAL DATA SHEET

TOPPAN

PROVISIONAL

TSTI-CPP

TRANSPARENT HEAT SEALABLE, HIGH HOT TACK HIGH HEAT SEAL STRENGTH ONE SIDE CORONA TREATED CPP FILM FOR CONVERSION



Corona treated layer
Tie Layer
Transparent PP Core layer
Tie Layer
Non CT, Heat Sealable layer

20,22
25,30
MICRONS

AVAILABLE CALIPERS

DESCRIPTION

It is a co-extruded transparent cast polypropylene film with one side corona treatment and other side is non corona treated heat seal surface. Especially designed for high speed packaging where its wide seal operating window can be used on high speed machines.

PRODUCT FEATURES

- Excellent sealing properties in term of strength, hot-tack and integrity
- Good optical properties
- Remarkable performance on HFFS & VFFS machines
- Good processability
- Good ink adhesion

APPLICATIONS

- Suitable for use in multilayer laminate
- Confectionery (chocolate/gum/sugar)
- Bakery (biscuits/cookie/crackers)
- Frozen food & Noodles
- Health and beauty care
- Household and detergents

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	PROPERTIES	REF.	TS20TI -CPP	TS22TI -CPP	TS25TI -CPP	TS30TI -CPP	UNITS	TEST METHOD
GENERAL	Thickness		20	22	25	30	µ	Internal Method
	Density		0.91	0.91	0.91	0.91	g/cc	Internal Method
	GSM		18.2	20.02	22.75	27.3	g/m^2	Internal Method
	Yield		54.94	45.95	44.0	36.6	m^2/Kg	Internal Method
OPTICAL	Haze	-	3.5	4.0	4.0	4.0	%	ASTMD 1003
	Gloss	-		80			GU	ASTMD 2457
SURFACE	Surface Tension			38			Dynes/cm	ASTM D-2578
	Kinetic COF (Film/Film)	UT/UT		0.40			-	ASTM D-1894
MECHANICAL	Tensile Strength	MD		600			Kg/cm^2	ASTM D-882
		TD		250				ASTM D-882
	Elongation	MD		600			%	ASTM D-882
		TD		800				ASTM D-882
THERMAL	SIT			118			°C	Internal Method
	Heat Seal Strength (0.5sec, 30psi, 130°C)		1400	1600	1800	2000	g/in	Internal Method

The figures and above properties refer to typical values which are indicative only. Customers should verify the suitability of the film for its specific end use. Therefore this document will not represent a product specification.

GUIDELINES FOR STORAGE

Temperature should preferably be less than 30°C & humidity 55±5% in storage areas and material should be consumed with three months of receipt. CPP films should be allowed to reach operating room temperature 24 hours before use. Film characteristics are maintained for six months from the date of manufacturing.

FOOD CONTACT

CPP films complies with the requirements of FDA,EC & REACH regulations. Specific documentation is available on request.

SAFETY

Compliance with industrial health and safety standards. CPP films do not present any significant danger to health and safety in the workplace, provided they are used for the intended purpose in accordance with conventional practices and that health & safety regulations are observed. Relevant guidelines can be found in our MSDS (available upon request).

CAUTIONS

- Film characteristics are maintained for six months from the date of invoicing
- Please make sure printing surface is well dried before lamination