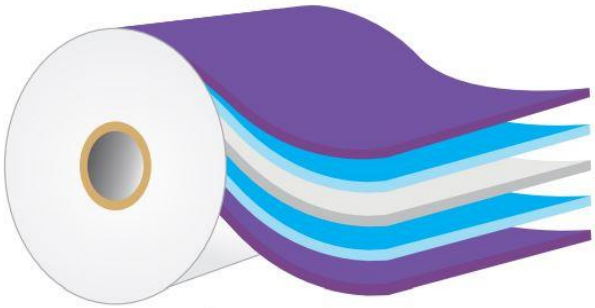
TECHNICAL DATA SHEET

TOPPAN

PROVISIONAL

TSTISPL-CPP

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



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

22,25,30
40,60,80
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
- Remarkable performances on HFFS & VFFS machines
- Good Optical properties
- Good Processability
- Good ink adhesion

APPLICATIONS

- Suitable for use in multilayer laminate
- Confectionary (Chocolate/ Gum/ Sugar)
- Bakery (Biscuits/ Cookie/ Crackers)
- Frozen Food & Noodles
- Household and detergents
- Health & Beauty Care

NOMENCLATURE

TSTISPL-CPP... Wetting tension Surface Inside, Sealable Surface Outside
TSTOSPL-CPP... Wetting tension Surface Outside, Sealable Surface Inside

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	PROPERTIES	POSITION	TS22TI SPL-CPP	TS25TI SPL-CPP	TS30TI SPL-CPP	TS40TI SPL-CPP	TS60TI SPL-CPP	TS80TI SPL-CPP	UNITS	TEST METHOD
GENERAL	Nominal Thick.	-	22	25	30	40	60	80	µ	Internal Method
	Density	-	0.91	0.91	0.91	0.91	0.91	0.91	g/cc	Internal Method
	GSM	-	20.0	22.7	27.3	36.4	54.6	72.8	g/m^2	Internal Method
	Yield	-	49.9	44.0	36.6	27.5	18.3	13.7	m^2/kg	Internal Method
OPTICAL	Haze	-	4.0	4.0	4.0	4.5	5.0	6.0	%	ASTM D 1003
	Gloss	-	80	80	80	75	70	70	GU	ASTM D 2457
SURFACE	Dynamic COF	Film/Film			0.40				-	Internal Method
	Wetting Tension	-			38*				dy/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	-MD			600				kg/cm^2	ASTM D 882
		-TD			250					
	Elongation (at break)	-MD			600				%	ASTM D 882
		-TD			800					
THERMAL	SIT	-			105				°C	Internal Method
	Heat Seal Strnth.	-	1600	1800	2000	2200	2400	2500	g/25mm	Internal Method (130°C/0.5sec/30psi)

* 38 dyne/cm guaranteed for 3 months & 36 dyne/cm guaranteed for 6 months from the invoice date in controlled ambient condition as mentioned in storage guidelines

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 within three months of receipt. CPP films should be allowed to reach operating room temperature 24 hours before use

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 excluding Wetting tension

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