TECHNICAL DATA SHEET

TOPPAN

PROVISIONAL

WDSTIHS-CPP

WHITE OPAQUE HEAT SEALABLE, LOW SEAL INITIATION TEMPERATURE HIGH HOT TACK HIGH HEAT SEAL STREGTH ONE SIDE CORONA TREATED CPP FILM FOR CONVERSION

Corona treated Surface
Tie Layer
White PP Core layer
Tie Layer
Non CT, Low SIT Heat Sealable surface

22
40, 50
MICRONS

AVAILABLE CALIPERS

DESCRIPTION

It is a co-extruded white cast polypropylene film having one side corona treatment and other side is heat sealable with low initiation temperature & High hot tack, High Heat Seal Strength. This opaque film is ideal for VFFS & HFFS machines.

PRODUCT FEATURES

- Solid White appearance
- Excellent sealing properties in term of strength, hot-tack and integrity
- Excellent surface gloss & opacity
- Good processability
- Good Moisture Barrier
- Good runnability

APPLICATIONS

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

NOMENCLATURE

WDSTIHS-CPP...Wetting tension Surface Inside, Heal Seal Surface Outside
WDSTOHS-CPP...Wetting tension Surface Outside, Heal Seal Surface Inside

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	PROPERTIES	POSITION	WDS22TIHS -CPP	WDS40TIHS -CPP	WDS50TIHS -CPP	UNITS	TEST METHOD
GENERAL	Nominal Thickness	-	22	40	50	µ	Internal Method
	Density	-	0.95	0.95	0.95	g/cc	Internal Method
	GSM	-	20.9	38.0	47.5	g/m^2	Internal Method
	Yield	-	47.9	26.3	21.1	m^2/kg	Internal Method
OPTICAL	Opacity	-		65		%	Internal Method
	Gloss	-		50		GU	ASTM D 2457
SURFACE	Dynamic COF	UT / UT		0.30		-	Internal Method
	Wetting Tension	-		38*		dy/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	-MD -TD		500 250		kg/cm^2	ASTM D 882
	Elongation (at break)	-MD -TD		500 650		%	ASTM D 882
THERMAL	SIT	-		98		%	ASTM D 1204
	Heat Seal Strength	-	2200	2500	2500	°C	Internal Method
						g/in	Internal Method (130°C/0.5sec/30psi)

* 38 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
- Please make sure printing surface is well dried before lamination

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