

PROVISIONAL

## WDSTIHS-CPP

WHITE OPAQUE HEAT SEALABLE, LOW SEAL INITIATION TEMPERATURE HIGH HOT TACK HIGH HEAT SEAL STRENGTH 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



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, Heat Seal Surface Outside  
WDSTOHS-CPP...Wetting tension Surface Outside, Heat Seal Surface Inside

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	PROPERTIES	POSITION	15	18	20	25	30	UNITS	TEST METHOD
GENERAL	Nominal Thickness	-	15	18	20	25	30	μ	Internal Method
	Density	-	0.95	0.95	0.95	0.95	0.95	g/cc	Internal Method
	GSM	-	14.3	17.1	19.0	23.8	28.5	g/m <sup>2</sup>	Internal Method
	Yield	-	70.2	58.5	52.6	42.1	35.1	m <sup>2</sup> /kg	Internal Method
OPTICAL	Opacity	-			60			%	Internal Method
	Gloss	-			50			GU	ASTM D 2457
SURFACE	Dynamic COF	UT / UT			0.30			-	Internal Method
		UT / Metal			0.25			-	Internal Method
	Wetting Tension	-			38*			dy/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	-MD			500			kg/cm <sup>2</sup>	ASTM D 882
		-TD			200				
	Elongation (at break)	-MD			500			%	ASTM D 882
		-TD			500				
THERMAL	SIT	-			95			°C	Internal Method
	Heat Seal Strength	-	1500	1800	2000	2200	2500	g/in	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 except treatment
- Please make sure printing surface is well dried before lamination