

PROVISIONAL

## TS40TI-CPP

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



### 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.	TS40TI-CPP	UNITS	TEST METHOD
GENERAL	Thickness		40	μ	Internal Method
	Density		0.91	g/cc	Internal Method
	GSM		36.4	g/m <sup>2</sup>	Internal Method
	Yield		27.5	m <sup>2</sup> /Kg	Internal Method
OPTICAL	Haze	-	4.5	%	ASTM D 1003
	Gloss	-	80	GU	ASTM D 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 <sup>2</sup>	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)		2200	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