

PROVISIONAL

TS70TIRT-CPP

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



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

2.76
mils

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. This film is specifically designed as sealant layer in retort application.

PRODUCT FEATURES

- Excellent sealing properties in term of strength & Hot-tack
- Good Processability
- Good Ink adhesion

APPLICATIONS

- Suitable for Retort application
- Suitable for Gusseted & non-gusseted pouches
- Suitable for stand up pouch

NOMENCLATURE

TSTIRT-CPP - Corona treated side is INSIDE, Heat sealable side is OUTSIDE
TSTORT-CPP - Corona treated side is OUTSIDE, Heat sealable side is INSIDE

PROVISIONAL

	PROPERTIES	POSITION	TS70TIRT-CPP	UNITS	TEST METHOD
GENERAL	Thickness	-	2.76	mils	Internal Method
	Density	-	0.91	g/cc	Internal Method
	GSM	-	13.05	lb/1000ft ²	Internal Method
	Yield	-	11038	in ² /lb	Internal Method
OPTICAL	Haze	-	12-13	%	ASTM D 1003
	Gloss	-	55	GU	ASTM D 2457
SURFACE	Dynamic COF	Film / Film	0.50	-	Internal Method
	Wetting Tension	-	38*	dynes/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	-MD	4978	psi	ASTM D 882
		-TD	6400		
	Elongation (at break)	-MD	1000	%	ASTM D 882
		-TD	900		
THERMAL	SIT	-	284	°F	Internal Method
	HSS	-	2500	g/25mm	Internal Method (302°F/1.0sec/30psi)

* 38 dyne/cm guaranteed for 3 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 wetting tension