



**CPP CO-EX
NORMAL H/S
FILM**

Is widely used in packaging printing and laminating application. TFI CPP co-extruded film offers good heatsealability. Available for one side treatment or non treatment.

PRODUCT CODE
NO. CP - 103

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT	TEST METHODS	TYPICAL VALUE					
			20	25	30	35	40	50
THICKNESS	micron	Micrometer	20	25	30	35	40	50
YIELD	m ² /kg (min.)	-	55.56	44.44	37.04	31.75	27.78	22.22
DENSITY	g/cm ³	ASTM D-1505	0.90	0.90	0.90	0.90	0.90	0.90
AVERAGE THICKNESS VARIATION	% (max.)	ASTM E-252	± 3	± 3	± 3	± 3	± 3	± 3
TENSILE TRENGTH	kg/mm ² (min.)	MD	4	4	4	4	4	4
		TD	2	2	2	2	2	2
ELONGATION AT BREAK	% (min.)	MD	400	400	400	400	400	400
		TD	400	400	400	400	400	400
THERMAL SHRINKAGE (120 °c 15 minutes)	% (max.)	MD	0.7	0.7	0.7	0.7	0.7	0.7
		TD	0.7	0.7	0.7	0.7	0.7	0.7
KINETIC C.O.F.	film/film	ASTM D-1894	0.6-0.9	0.6-0.9	0.6-0.9	0.6-0.9	0.6-0.9	0.6-0.9
SEALING TEMPERATURE	°C	1 BAR 1 SEC	120	120	120	120	120	120
SEALING TRENGTH	g/cm (min.)	-	300	300	300	300	300	300
HAZE	% (max.)	ASTM D-1003	3.5	3.5	4.0	4.0	4.5	5.0
GLOSS (Angle 45°)	% (min.)	ASTM D-2457	65	65	65	65	65	65
WVTR	g/m ² /24hr (max.)	ASTM F-1249	13	10	9	8	7	5
O ₂ TR	cc/m ² /24hr (max.)	ASTM D-3985	3,800	3,000	2,600	2,200	1,900	1,200
WETTING TENSION	Dyne/cm (min.)	ASTM D-2578	38	38	38	38	38	38

DESCRIPTION OF SUPPLY

PAPER CORE I.D.	77 mm (3 in.) 153 mm (6 in.)
ROLL O.D.	max. 800 mm
WIDTH RANGE	100 mm – 2,000 mm.
LENGTH RANGE	STANDARD 4,000 m., 6,000 m. (other length on request)
JOINT	maximum 10% per order

Food approval : complied with FDA & EU regulations (on request)

Storage condition : should be keep at ambient temperature ~ 30°C and not over 40°C. and keep in dry storage.

FURTHER TECHNICAL INFORMATION ON REQUEST

The above standard film properties are subjected to change and periodical modification without prior notice, please re-check for the most update version with our Sales & Marketing Department.