



**BOPP PLAIN
METALLIZABLE
GRADE**

BOPP non – heatsealable film specially designed for vacuum metallizing application. TFI film offers excellent clarity property. After metallizing process, film provides exceptional shiny metallic appearance with low adhesion of aluminum.

PRODUCT CODE
NO. OP - 122 R2

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT	TEST METHODS	TYPICAL VALUE					
			18	20	25	30	40	50
THICKNESS	micron	Micrometer	18	20	25	30	40	50
YIELD	m ² /kg (min.)	-	61.73	55.56	44.44	37.04	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 STRENGTH	kg/mm ² (min.)	MD	13	13	13	13	13	13
		TD	24	24	24	24	24	24
ELONGATION AT BREAK	% (max.)	MD	170	170	170	170	170	170
		TD	70	70	70	70	70	70
THERMAL SHRINKAGE (120°C 15 minutes)	% (max.)	MD	4.0	4.0	4.0	4.0	4.0	4.0
		TD	2.0	2.0	2.0	2.0	2.0	2.0
STATIC C.O.F.	film/film	ASTM D-1894	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6
HAZE	% (max.)	ASTM D-1003	1.5	1.5	2.0	2.0	2.0	2.0
GLOSS (Angle 45°)	% (min.)	ASTM D-2457	85	85	85	85	85	85
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. (6in.)
ROLL O.D.	Max. 800 mm
WIDTH RANGE	100 mm – 1,500 mm. (other width on request)
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.