



**BOPP PLAIN
FLOWER WRAP**

BOPP plain designed for decorative and industrial applications. Excellent clarity & flatness. Available in one side, both sides and without treatment in roll or sheet-cut.

PRODUCT CODE
NO. OP - 118

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT		TEST METHODS	TYPICAL VALUE					
				20	25	30	40	50	60
THICKNESS	Micron		Micrometer	20	25	30	40	50	60
YIELD	m ² /kg (min.)		-	55.56	44.44	37.04	27.78	22.22	18.52
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	ASTM	13	13	13	13	13	13
		TD	D-882	24	24	24	24	24	24
ELONGATION AT BREAK	% (max.)	MD	ASTM	170	170	170	170	170	170
		TD	D-882	70	70	70	70	70	70
THERMAL SHRINKAGE (120°C 15min.)	% (max.)	MD	ASTM D-1204	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	1.5	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 (6 in.)
ROLL O.D.	max. 600 mm
WIDTH RANGE	100 mm - 1,500 mm. (other width on request)
LENGTH RANGE	STANDARD 500 m., 1,000 m., 2,000 m. (other length on request)
JOINT	maximum 10% per order
SHEET CUT	
WIDTH	300 – 1000 mm
LENGTH	400 – 1000 mm (other length on request)

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