



**BOPP PLAIN
GARMENT BAG**

Special formulated for garment bag application. Excellent clarity, good dimensional stability, flatness and strength.
Available for one side and both side treatment.

PRODUCT CODE
NO. OP – 103C

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT	TEST METHOD	TYPICAL VALUE				
			20	25	28	30	
THICKNESS	micron	Micrometer	20	25	28	30	
YIELD	m ² / kg (min.)	-	55.56	44.44	39.68	37.04	
DENSITY	g/cm ³	ASTM D-1505	0.90	0.90	0.90	0.90	
AVERAGE THICKNESS VARIATION	% (max.)	ASTM E-252	± 3	± 3	± 3	± 3	
TENSILE STRENGTH	kg/mm ² (min.)	MD	ASTM	13	13	13	13
		TD	D-882	24	24	24	24
ELONGATION AT BREAK	% (max.)	MD	ASTM	170	170	170	170
		TD	D-882	70	70	70	70
THERMAL SHRINKAGE (120°c 15 minutes)	% (max.)	MD	ASTM	4.0	4.0	4.0	4.0
		TD	D-1204	2.0	2.0	2.0	2.0
STATIC C.O.F.	film/film	ASTM D-1894	0.35-0.50	0.35-0.50	0.35-0.50	0.35-0.50	
HALF DECAY TIME	seconds (max.)	STATIC HONEST METER	600	600	600	600	
HAZE	% (max.)	ASTM D-1003	1.5	1.8	2.0	2.0	
GLOSS (angle 45°)	% (min.)	ASTM D-2457	85	85	85	85	
WETTING TENSION (one side)	Dyne/cm	ASTM	38	38	38	38	
			(both sides)	(min.)	D-2578	36/38	36/38

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 - 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



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TYPICAL PROPERTIES	UNIT		TEST METHOD	TYPICAL VALUE			
THICKNESS	micron		Micrometer	35	40	50	60
YIELD	m ² /kg (min.)		-	31.75	27.78	22.22	18.52
DENSITY	g/cm ³		ASTM D-1505	0.90	0.90	0.90	0.90
AVERAGE THICKNESS VARIATION	% (max.)		ASTM E-252	± 3	± 3	± 3	± 3
TENSILE STRENGTH	kg/mm ² (min.)	MD	ASTM	13	13	13	13
		TD	D-882	24	24	24	24
ELONGATION AT BREAK	% (max.)	MD	ASTM	170	170	170	170
		TD	D-882	70	70	70	70
THERMAL SHRINKAGE (120°c 15 minutes)	% (max.)	MD	ASTM	4.0	4.0	4.0	4.0
		TD	D-1204	2.0	2.0	2.0	2.0
STATIC C.O.F.	film/film		ASTM D-1894	0.35 - 0.50	0.35 - 0.50	0.35 - 0.50	0.35- 0.50
HALF DECAY TIME	seconds(max.)		STATIC HONEST METER	600	600	600	600
HAZE	% (max.)		ASTM D-1003	2.2	2.2	2.2	2.5
GLOSS (angle 45°)	% (min.)		ASTM D-2457	85	85	85	85
WETTING TENSION (one side)	Dyne/cm		ASTM	38	38	38	38
(both sides)	(min.)		D-2578	36/38	36/38	36/38	36/38

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