



**BOPP CO-EX
WHITE FILM
PRINTING &
LAMINATION**

It is widely used in surface printing and lamination for packaging applications. Excellent machinability with both sides heatsealable.
TFI film shows white appearance.

PRODUCT CODE
NO. OP-106

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT		TEST METHODS	TYPICAL VALUE		
THICKNESS	micron		Micrometer	25	28	35
YIELD	m ² /kg (min.)		-	43.01	38.40	30.72
DENSITY	g/cm ³		ASTM D-1505	0.93	0.93	0.93
AVERAGE THICKNESS VARIATION	% (max.)		ASTM E-252	± 3	± 3	± 3
TENSILE STRENGTH	kg/mm ² (min.)	MD	ASTM D-882	8	8	8
		TD		18	18	18
ELONGATION AT BREAK	% (max.)	MD	ASTMD-882	170	170	170
		TD		70	70	70
THERMAL SHRINKAGE (120° c 15 minutes)	% (max.)	MD	ASTM D-1204	4.0	4.0	4.0
		TD		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
SEALING TEMPERATURE	° c		1 BAR 1 SEC	115	115	115
SEALING STRENGTH	g/cm (min.)		-	150	150	150
GLOSS (GLOSS SIDE, angle 45°)	% (min.)		ASTM D-2457	45	45	45
WVTR	g/m ² /24hr (max.)		ASTM F-1249	6	5	4
O ₂ TR	cc/m ² /24hr (max.)		ASTM D-3985	1,800	1,700	1,400
WETTING TENSION	Dyne / cm (min.)		ASTM D-2578	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 - 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.