



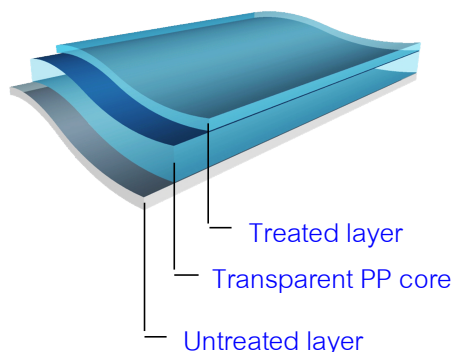
บริษัท ไทยฟิวเจอร์อินคอร์ปอเรชั่น จำกัด (มหาชน)

THAI FUTURE INCORPORATION PUBLIC COMPANY LIMITED

A CERTIFIED ISO 9001 / ISO 14001 COMPANY

B-01M

BOPP PLAIN FILM



Description:

This film is widely used in printing and laminating for food and non food packaging application. TFI film offers exceptional clarity. Good dimensional stability, flatness and strength.

Characteristics :

Good Clarity
Good flatness & high strength
Excellence dimensional stability
Suitable for high speed printing machine (low COF)
Less electrostatic on film surface

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT	TEST METHODS	TYPICAL VALUE					
THICKNESS	Micron	-	18	20	25	30	35	40
YIELD	m ² /kg	-	61.05	54.95	43.96	36.63	31.40	27.47
DENSITY	g/cm ³	ASTM D-1505	0.91					
AVERAGE THICKNESS VARIATION	%	ASTM E-252	± 3					
TENSILE STRENGTH	kg/mm ² (min)	MD	13					
		TD	27					
ELONGATION AT BREAK	% (max)	MD	200					
		TD	60					
THERMAL SHRINKAGE (120°C 5min.)	% (max)	MD	3.0					
		TD	1.0					
KINETIC C.O.F.	NT/NT	ASTM D-1894	0.20 - 0.40					
WETTING TENSION	Dyne/cm (min)	ASTM D-2578	38					
GLOSS (Angle 45°)	% (min)	ASTM D-2457	85					
HAZE	% (max)	ASTM D-1003	0.5 - 1.2			0.8 - 1.2		
WVTR (38 °C, 90% RH)	g/m ² /24hr (max)	ASTM F-1249	9	8	6	4	3	
O ₂ TR (23 °C, 0% RH)	cc/m ² /24hr (max)	ASTM D-3985	2100	2000	1800	1600	1200	

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), Allowance 0, +3 mm
COMBINATION WIDTH	6,000 mm. or 8,000 mm.
LENGTH RANGE	STANDARD 4,000 m., 6,000 m. (other length on request)
JOINT	maximum 10% per order

Food approval : Complied with US FDA & EU regulations (on request).

Storage condition: Should be kept in dry storage with temperature 30°C - 40°C.

Disclaimer:

The information provided above is accurate to the best of our knowledge. It is however suggested that the customer confirms these values and product compatibility prior to their use. Thai Future Incorporation PCL offers no guarantees nor accepts any responsibility for the fitness of the product for any particular use.