



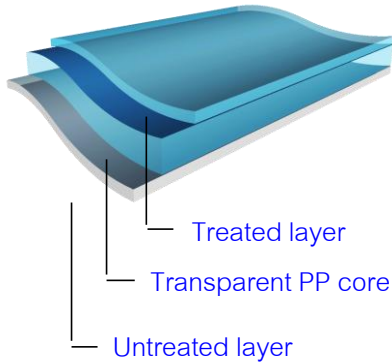
บริษัท ไทยฟิวเจอร์อินคอร์ปอเรชั่น จำกัด (มหาชน)

THAI FUTURE INCORPORATION PUBLIC COMPANY LIMITED

A CERTIFIED ISO 9001 / ISO 14001 COMPANY

B-01C

BOPP PLAIN FILM (HIGH HEAT)



Description:

This film is specially developed to serve high speed machine in printing and lamination for food and non food packaging application. It delivers excellence printing quality due to good flatness, high strength and high dimensional stability.

Characteristics :

Exceptional Clarity
Good flatness & high strength
Excellence dimensional stability
Suitable for high speed printing machine
Less electrostatic on film surface

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT		TEST METHODS	TYPICAL VALUE			
THICKNESS	Micron		Progage	15	18	19	20
YIELD	m ² /kg		-	73.26	61.05	57.84	54.95
DENSITY	g/cm ³		ASTM D-1505	0.91			
AVERAGE THICKNESS VARIATION	%		ASTM E-252	± 3			
TENSILE STRENGTH	kg/mm ²	MD	ASTM D-882	13 - 16			
		TD		27 - 35			
ELONGATION AT BREAK	%	MD	ASTM D-882	140 - 200			
		TD		40 - 70			
THERMAL SHRINKAGE (120°C 15min.)	%	MD	ASTM D-1204	2.5 - 3.5			
		TD		0.5 - 2.0			
KINETIC C.O.F.	NT/NT		ASTM D-1894	0.35 - 0.50			
WETTING TENSION	Dyne/cm (min)		ASTM D-2578	38			
GLOSS (Angle 45°)	% (min)		ASTM D-2457	90			
HAZE	% (max)		ASTM D-1003	1.2			
WVTR (38 °C, 90% RH)	g/m ² /24hr (max)		ASTM F-1249	6			
O ₂ TR (23 °C, 0% RH)	cc/m ² /24hr (max)		ASTM D-3985	1800			

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 Incoporation PCL offers no guarantees nor accepts any responsibility for the fitness of the product for any particular use.

4-Aug-2025