



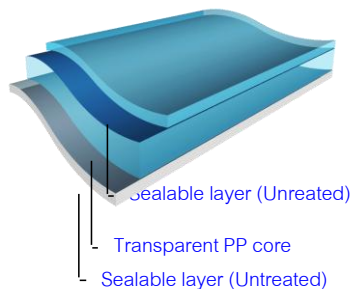
บริษัท ไทยฟิวเจอร์อินคอร์ปอเรชั่น จำกัด (มหาชน)

THAI FUTURE INCORPORATION PUBLIC COMPANY LIMITED

A CERTIFIED ISO 9001 / ISO 14001 COMPANY

B-22

BOPP CO-EX CIGARETTE WRAPPING LOW H/S



Description:

This film is special formulated for over wrapping application such as cigarette box. It is designed to suit high speed automatic machine. TFI film provides low friction and high stiffness properties, with exceptional low heatseal temp & high seal strength on both side

Characteristics :

High speed bundle over wrapping
Consistent slip
High tensile strength & stiffness
Good barrier properties

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT	TEST METHODS	TYPICAL VALUE					
THICKNESS	Micron	Progage	19	20	21	22	25	30
YIELD	m ² /kg	-	57.58	54.95	52.33	49.95	43.96	36.63
DENSITY	g/cm ³	ASTM D-1505	0.91					
AVERAGE THICKNESS VARIATION	%	ASTM E-252	± 3					
TENSILE STRENGTH	kg/mm ² (min)	MD	15					
		TD	24					
ELONGATION AT BREAK	% (max)	MD	180					
		TD	70					
THERMAL SHRINKAGE (120°C 15min.)	% (min)	MD	3.0					
		TD	4.0					
SEALING RANGE	°C	1 BAR 1 SEC	115 – 140					
SEALING STRENGTH	g/15mm (min)	-	200					
KINETIC C.O.F.	NT/NT (max)	ASTM D-1894	0.30					
GLOSS (Angle 45°)	% (min)	ASTM D-2457	85					
HAZE	% (max)	ASTM D-1003	2.2				3	
WVTR (38 °C, 90% RH)	g/m ² /24hr (max)	ASTM F-1249	9	8			6	4
O ₂ TR (23 °C, 0% RH)	cc/m ² /24hr (max)	ASTM D-3985	2100	2000			1800	1600

DESCRIPTION OF SUPPLY

PAPER CORE I.D.	77 mm (3 in.) 153 mm (6 in.)
ROLL O.D.	max. 350 mm
WIDTH RANGE	100 mm - 400 mm. (other width on request), Allowance 0, +3 mm
COMBINATION WIDTH	6,000 mm.
LENGTH RANGE	STANDARD 2,000 m., 4,000 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.

9/10/2023

