



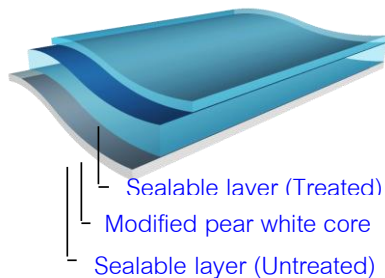
บริษัท ไทยฟิวเจอร์อินคอร์ปอเรชั่น จำกัด (มหาชน)

THAI FUTURE INCORPORATION PUBLIC COMPANY LIMITED

A CERTIFIED ISO 9001 / ISO 14001 COMPANY

B-32

BOPP CO-EX PEARLIZED OPAQUE FILM



Description:

This film is widely used in surface printing for packaging application. This both side heat sealable film offers excellent pearlized white opacity appearance with good machinability

Characteristics :

Pearlized shiny looks
Printability
Low sealing temperature
Less electrostatic on film surface

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT		TEST METHODS	TYPICAL VALUE					
THICKNESS	Micron		Progage Thickness Tester	25	30	35	38	40	50
YIELD	m ² /kg		-	59.70	49.75	42.64	37.59	35.71	28.57
DENSITY	g/cm ³		ASTM D-1505	0.65-0.70			0.68-0.72		
AVERAGE THICKNESS VARIATION	Micron		Progage Thickness Tester	±2					
TENSILE STRENGTH	kg/mm ² (min)	MD	ASTM D-882	6					
		TD		12					
ELONGATION AT BREAK	% (max)	MD	ASTM D-882	160					
		TD		50					
THERMAL SHRINKAGE (120°C 15min.)	% (max)	MD	ASTM D-1204	4.0					
		TD		2.0					
KINETIC C.O.F.	NT/NT		ASTM D-1894	0.20 - 0.45					
SEALING RANGE	°C		1 BAR 1 SEC	115 – 140					
SEALING STRENGTH	g/15mm (min)		-	200					
WETTING TENSION	Dyne/cm (min)		ASTM D-2578	38					
OPACITY	% (min)		ASTM D-589-97	75					
GLOSS (Angle 45°)	% (min)		ASTM D-2457	26					
WVTR (38 °C, 90% RH)	g/m ² /24hr (max)		ASTM F-1249	5.0	4.2	3.6	3.4	3.2	3
O ₂ TR (23 °C, 0% RH)	cc/m ² /24hr (max)		ASTM D-3985	1700	1600	1500	1450	1400	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.
LENGTH RANGE	STANDARD 4,000 m., 6,000 m. or 8,000 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-Oct-2023