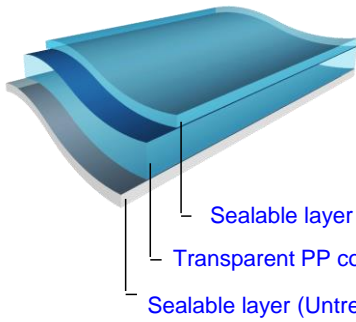




B-21-

BOPP CO-EX PRINTING & LAMINATION



Description:

This heat sealable film is widely used in packaging printing and laminating for food and non food application. TFI film has both side heat sealable properties and specially developed to suit high speed VFFS and HFFS packaging machine.

Characteristics :

- Low COF
- Good dimensional stability and flatness
- Treated side suitable for good bonds to inks and adhesives
- Less electrostatic on film surface

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT	TEST METHODS	TYPICAL VALUE								
			15	18	20	25	30	35	40	45	50
THICKNESS	Micron	Progage	15	18	20	25	30	35	40	45	50
YIELD	m ² /kg	-	73.26	61.05	54.95	43.96	36.63	31.40	27.47	24.42	21.98
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	26								
ELONGATION AT BREAK	% (max)	MD	200								
		TD	70								
THERMAL SHRINKAGE (120°C 15min.)	% (max)	MD	4.0								
		TD	2.0								
KINETIC C.O.F.	NT/NT	ASTM D-1894	0.1 - 0.3								
SEALING RANGE	°C	1 BAR 1 SEC	115 – 140								
SEALING STRENGTH	g/15mm (min)	-	200				300				
WETTING TENSION	Dyne/cm (min)	ASTM D-2578	38								
GLOSS (Angle 45°)	% (min)	ASTM D-2457	85								
HAZE	% (max)	ASTM D-1003	2.0	2.5	3.0			4.0			
WVTR (38 °C, 90% RH)	g/m ² /24hr (max)	ASTM F-1249	8		6	4		3			
O ₂ TR (23 °C, 0% RH)	cc/m ² /24hr (max)	ASTM D-3985	2000		1800	1600	1500	1400	1150	900	

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

18/10/2021