ASIA PACIFIC INDUSTRY GROUP CO., LIMITED
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BOPP CO-EX PEARLIZED OPAQUE

Is widely used in surface printing for packaging application. Excellent machinability with both sides heatsealable.
TFI film shows the pearlized white opacity appearance.

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT		TEST METHODS	TYPICAL VALUE				
THICKNESS	micron		Micrometer	25				
YIELD	m^2/kg (min.)		-	59	49	42	35	28
DENSITY	g/cm^3		ASTM D-1505	0.65-0.70	0.65-0.70	0.65-0.70	0.68-0.72	0.68-0.72
TENSILE STRENGTH	kg/mm^2 (min.)	MD	ASTM D-882	6	6	6	6	6
		TD		12	12	12	12	12
ELONGATION AT BREAK	% (max.)	MD	ASTM D-882	140	140	140	140	140
		TD		50	50	50	50	50
THERMAL SHRINKAGE (120° c 15 minutes)	% (max.)	MD	ASTM D-1204	4.0	4.0	4.0	4.0	4.0
		TD		2.0	2.0	2.0	4.0	4.0
STATIC C.O.F.	film/film		ASTM D-1894	0.3 - 0.4	0.3 - 0.4	0.3 - 0.4	0.3 - 0.4	0.3 - 0.4
SEALING TEMPERATURE	°c		1 BAR 1 SEC	115	115	115	115	115
SEALING STRENGTH	g/cm (min.)		-	80	80	80	80	80
GLOSS (angle 45°)	% (min.)		ASTM D-2457	26	26	26	26	26
WVTR	g/m^2/24 hr (max.)		ASTM F-1249	5.0	4.2	3.6	3.2	3.0
O_2TR	cc/m^2/24 hr (max.)		ASTM D-3985	1,700	1,600	1,500	1,400	1,200
CORONA TREATMENT	Dyne/cm (min.)		ASTM D-2578	38	38	38	38	38

DESCRIPTION OF SUPPLY

PAPER CORE I.D.	76 mm (3 in.) 152 mm (6 in.)

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ROLL O.D.	max. 800 mm
WIDTH RANGE	100 mm - 1,500 mm. (other width on request)
LENGTH RANGE	STANDARD 4,000 m., 6,000 m., 8,000 m. (other length on request)

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