



**BOPP CO-EX
PEARLIZED
OPAQUE
HIGH GLOSS**

Is widely used in surface printing and lamination for medium speed packaging application. Excellent machinability with one side heatsealable at low temperature.
TFI film shows the pearlized white opacity appearance.

PRODUCT CODE
NO. OP - 109A R1

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT		TEST METHODS	TYPICAL VALUE
THICKNESS	Micron		Micrometer	25
YIELD	m ² /kg (min.)		-	59.70
DENSITY	g/cm ³		ASTM D-1505	0.65 - 0.70
TENSILE STRENGTH	kg/mm ² (min.)	MD	ASTM D-882	6
		TD		12
ELONGATION AT BREAK	% (max.)	MD	ASTM D-882	140
		TD		50
THERMAL SHRINKAGE (120° c 15 minutes)	% (max.)	MD	ASTM D-1204	4.0
		TD		2.0
STATIC C.O.F.	film/film	Treated	ASTM D-1894	0.3 - 0.5
		Untreated		0.5 - 0.7
SEALING TEMPERATURE	°c		1 BAR 1 SEC	115
SEALING STRENGTH	g/cm (min.)		-	80
GLOSS (angle 45°, treated side)	% (min.)		ASTM D-2457	65
WVTR	g/m ² /24 hr (max.)		ASTM F-1249	5.0
O ₂ TR	cc/m ² /24 hr (max.)		ASTM D-3985	1,700
WETTING TENSION	Dyne/cm (min.)		ASTM D-2578	38

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)
LENGTH RANGE	STANDARD 4,000 m., 6,000 m., 8,000 m. (other length on request)
JOINT	maximum 10% per order

Food approval: complied with FDA & EU regulations (on request)

Storage condition: should be keep at ambient temperature ~ 30°C and not over 40°C and keep in dry storage.

FURTHER TECHNICAL INFORMATION ON REQUEST

The above standard film properties are subjected to change and periodical modification without prior notice, please re-check for the most update version with our Sales & Marketing Department.