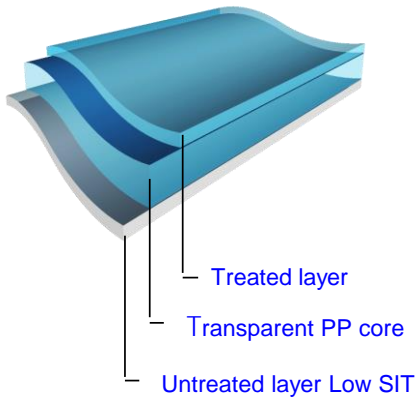




B-21F

BOPP CO-EX PRINTING & LAMINATION WITH SUPERIOR SEAL PERFORMANCE



Description:

This film is specially structure biaxially oriented polypropylene for printing and lamination with woven bag .for packing pet food. Film designed for Low sealing temperature for lamination as ea sealant layer which delivers energy and operating cost saving from sealing benefits.

Characteristics :

- Printability
- Good dimensional stability
- Less electrostatic on film surface
- Low heat seal , Good seal strength .

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT		TEST METHODS	TYPICAL VALUE		
THICKNESS	Micron		Progage	15	18	20
YIELD	m ² /kg		-	73.26	61.05	54.95
DENSITY	g/cm ³		ASTM D-1505	0.91		
AVERAGE THICKNESS VARIATION	%			± 3		
TENSILE STRENGTH	kg/mm ² (min)	MD	ASTM D-882	13		
		TD		26		
ELONGATION AT BREAK	% (max)	MD	ASTM D-882	200		
		TD		70		
THERMAL SHRINKAGE (120°C 15min.)	% (max)	MD	ASTM D-1204	4.0		
		TD		2.0		
KINETIC C.O.F.	NT/NT		ASTM D-1894	0.4-0.6		
SEALING RANGE	°C		1 BAR 1 SEC	100-140		
SEALING STRENGTH	g/15mm (min)		-	250		
WETTING TENSION	Dyne/cm (min)		ASTM D-2578	38		
GLOSS (Angle 45°)	% (min)		ASTM D-2457	85		
HAZE	% (max)		ASTM D-1003	2.5		3.0
WVTR (38 °C, 90% RH)	g/m ² /24hr		ASTM F-1249	10	9	8
O ₂ TR (23 °C, 0% RH)	cc/m ² /24hr		ASTM D-3985	2300	2200	2000

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
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.