

BOPP

PLAIN PRINTING & LAMINATION ONE SIDE LOW C.O.F.

CODE PSB

Film is a special structure biaxially oriented polypropylene for printing and lamination applications. One side low C.O.F. on treated side, good dimensional stability, good moisture barrier and good resistance to oil and grease.

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT		TEST METHODS	TYPICAL VALUE		
THICKNESS	micron		Micrometer	15	20	40
YIELD	m ² /kg		ASTM D4321	73.26	54.95	27.47
G.S.M.	g/m ²		Analysis balance	13.65	18.20	36.40
DENSITY	g/cm ³		ASTM D-1505	0.91	0.91	0.91
AVERAGE THICKNESS VARIATION	%		ASTM E-252-78	± 3	± 3	± 3
TENSILE STRENGTH	N/mm ²	MD	ASTM D-882	150	150	130
	(min.)	TD		270	270	270
ELONGATION AT BREAK	%	MD	ASTM D-882	170	170	210
	(max.)	TD		60	60	60
DIMENSIONAL STABILITY	%	MD	ASTM D-1204	3.0	3.0	3.0
	(max.)	TD	120 °C, 15 minutes	2.0	2.0	2.0
C.O.F.	T/T		ASTM D-1894	≤ 0.35	≤ 0.35	≤ 0.35
	NT/NT			0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.1
HAZE	%(max.)		ASTM D-1003-61	2.0	2.0	2.0
GLOSS (angle 60°)	%(min.)		ASTM D-2457	145	145	145
WETTING TENSION	Dynes/cm	Treated side	ASTM D-2578	38	38	38
WVTR	(min.)		ASTM E-398-03	10	7	3
	(max.)					
O ₂ TR	(max.)		ASTM D-1434-82	900	700	400
	(max.)					

DESCRIPTION OF SUPPLY

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

ROLL OUTSIDE DIAMETER max. 600 mm

WIDTH RANGE 100 mm – 1500 mm. (other width on request)

LENGTH RANGE standard 2000 m, 3000 m, 4000m and 6000 m. (other length on request)

Our Product comply with U.S. 21 CFR F.D.A. Regulation Part 177.1520

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