

BOPP CIGARETTE WRAPPING

CODE C

Film is a special structure biaxially oriented polypropylene. Film designed for cigarette wrapping application, low haze, high tensile strength, excellent thermal stability, good moisture barrier, high stiffness, Film with both side heat-sealable layer.

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT	TEST METHODS	TYPICAL VALUE
THICKNESS	micron	Micrometer	20.5
YIELD	m ² /kg	ASTM D4321	53.60
G.S.M.	g/m ²	Analysis balance	18.66
DENSITY	g/cm ³	ASTM D-1505	0.91
AVERAGE THICKNESS VARIATION	%	ASTM E-252-78	± 3
TENSILE STRENGTH	N/mm ² MD	ASTM D-882	160
	(min.) TD		240
ELONGATION AT BREAK	% MD	ASTM D-882	220
	(max.) TD		90
DIMENSIONAL STABILITY	% MD	ASTM D-1204 120 °C, 15 minutes	3.0
	(max.) TD		4.0
SEALING TEMPERATURE	°C	1 BAR 1 SEC	118-125
SEAL STRENGTH	N/15 mm (min.)	1 BAR 1 SEC, 15 mm	2.0
C.O.F.	INSIDE	ASTM D-1894	0.20-0.35
	OUTSIDE		0.4-0.6
HAZE	%(max.)	ASTM D-1003-61	2.2
GLOSS (angle 60°)	%(min.)	ASTM D-2457	125
WVTR	g/m ² .day (max.)	ASTM E-398-03 38 °C, 90% RH	7
O ₂ TR	cm ³ /m ² .day.bar (max.)	ASTM D-1434-82 23 °C, 0% RH, 1 atm	700

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, 4000 m, and 6000 m. (length on request)

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