

BOPP CO-EX FILM ONESIDE HEATSEAL

CODE HP

Film is a special structure biaxially oriented polypropylene one side heat-sealable layer for VFFS/HFFS other side for printing and laminate. Good moisture barrier, good slip on heat-seal side, excellent heat seal strength, good dimensional stability and good resistance to oil and grease.

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT		TEST METHODS	TYPICAL VALUE
THICKNESS	micron		Micrometer	25
YIELD	m ² /kg		ASTM D4321	43.96
G.S.M.	g/m ²		Analysis balance	22.75
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	140
	(max.)	TD		260
ELONGATION AT BREAK	%	MD	ASTM D-882	200
	(min.)	TD		70
DIMENSIONAL STABILITY	%	MD	ASTM D-1204 120 °C, 15 minutes	3.0
	(max.)	TD		2.0
SEALING TEMPERATURE	°C	heatseal side	1 BAR 1 SEC	118-122
SEAL STRENGTH	N/15 mm (min.)	heatseal side	1 BAR 1 SEC, 15 mm	2.0
C.O.F.	heatseal side		ASTM D-1894	0.3 ± 0.1
	plain film side			0.4 ± 0.1
HAZE	%(max.)		ASTM D-1003-61	2.5
GLOSS (angle 60°)	%(min.)		ASTM D-2457	125
WETTING TENSION	Dynes/cm	Treated side	ASTM D-2578	38
	(min.)	(plain film side)		
WVTR	g/m ² .day	(max.)	ASTM E-398-03 38 °C, 90% RH	6
O ₂ TR	cm ³ /m ² .day.bar	(max.)	ASTM D-1434-82 23 °C, 0% RH, 1 atm	600

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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