

BOPP CO-EX MATT

CODE MTM

Film is a special structure biaxially oriented polypropylene for lamination applications. Film designed to meet the requirement, good dimensional stability, and high haze.

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT		TEST METHODS	TYPICAL VALUE			
THICKNESS	micron		Micrometer	15	18	20	30
YIELD	m ² /kg		ASTM D4321	86.58-80.32	72.15-66.93	64.94-60.24	43.29-40.16
G.S.M.	g/m ²		Analysis balance	12.45-11.55	14.94-13.86	16.60-15.40	24.90-23.10
DENSITY	g/cm ³		ASTM D-1505	0.77-0.83	0.77-0.83	0.77-0.83	0.77-0.83
THICKNESS TOLERANCE	micron		ASTM E-252-78	± 2	± 2	± 2	± 2
TENSILE STRENGTH	N/mm ²	MD	ASTM D-882	110	110	110	110
	(min.)	TD		150	150	170	170
ELONGATION AT BREAK	%	MD	ASTM D-882	200	200	200	200
	(max.)	TD		70	70	70	70
DIMENSIONAL STABILITY	%	MD	ASTM D-1204 120 °C, 15 minutes	3.0	3.0	3.0	3.0
	(max.)	TD		2.0	2.0	2.0	2.0
C.O.F.	MATT		ASTM D-1894	0.6 ± 0.1	0.6 ± 0.1	0.6 ± 0.1	0.6 ± 0.1
	GLOSS			0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.1
HAZE	%(min.)		ASTM D-1003-61	70	70	70	70
GLOSS (angle 85°)	%(max.)		ASTM D-2457	35	35	35	35
WETTING TENSION	Dynes/cm (min.)	GLOSS SIDE	ASTM D-2578	38	38	38	38
WVTR	g/m ² .day	(max.)	ASTM E-398-03 38 °C, 90% RH	9	9	8	6
O ₂ TR	cm ³ /m ² .day.bar	(max.)	ASTM D-1434-82 23 °C, 0% RH, 1 atm	800	800	700	500

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)

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

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