



M-BOPA

CODE MPA

METALLIZED NYLON 6 FILM

The extra low permeability for excellent barrier film purpose. Very high gloss of metallic with supreme appearance. Strong texture of NYLON film, high strength & stiffness.

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT	TEST METHODS	TYPICAL VALUE		
THICKNESS	micron	Micrometer	15	15	15
OPTICAL DENSITY	(min.)	DENSITOMETER	2.2	2.5	3.0
YIELD	m ² /kg	ASTM D4321	57.47	57.47	57.47
AVERAGE THICKNESS VARIATION	%	ASTM E-252-78	± 3	± 3	± 3
TENSILE STRENGTH	N/mm ² MD	ASTM D-882	250	250	250
	(min.) TD		250	250	250
ELONGATION OF BREAK	% MD	ASTM D-882	90-150	90-150	90-150
	TD		90-130	90-130	90-130
DIMENSIONAL STABILITY 160 °C, 5 minutes	% MD	ASTM D-1204	2.0	2.0	2.0
	(max.) TD		2.0	2.0	2.0
C.O.F.	non-treated side, film/film	ASTM D-1894	0.3-0.5	0.3-0.5	0.3-0.5
PUNCTURE RESISTANCE	N (min.)	ASTM D-3763	12	12	12
BONDING STRENGTH	N (min.)	AJ.Plast Standard	10	10	10
WVTR	g/m ² *day. (max.)	ASTM F-1249-06 38 °C, 90% RH	40	40	40
O ₂ TR	cm ³ /m ² *day*bar. (max.)	ISO 15105-1 23 °C, 0% RH 1atm.	1	1	1
METAL ADHESION	A.J. Plast standard	Tape Test AIMCAL Spec scotch 610, 6 inch.	0	0	0

* Optical density value specified by customer.

DESCRIPTION OF SUPPLY

PAPER CORE I.D.

76 mm (3 in.) 152 mm (6 in.)

ROLL O.D.

max. 1000 mm

WIDTH RANGE

100 mm – 2000 mm. (width on request)

LENGTH RANGE

standard 2000 m,3000 m, 4000m and 6000 m. (length on request up to 36,000 m.)

BASE FILM OF METALLIZED FILM COMPLY WITH U.S.21 CFR F.D.A. REGULATION PART 177.1500

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