

# M-BOPET

## METALLIZED POLYESTER FILM FOR PAPER LAMINATION

CODE MPTP

**Excellent bonding strength. Very high gloss of metallic with supreme appearance. Strong texture of PET film, high strength & stiffness and scratch free.**

### TECHNICAL DATA

TYPICAL PROPERTIES	UNIT	TEST METHODS	TYPICAL VALUE
THICKNESS	micron	Micrometer	12
OPTICAL DENSITY	(min.)	DENSITOMETER	1.8 - 2.0
YIELD	m <sup>2</sup> /kg	ASTM D4321	59.52
AVERAGE THICKNESS VARIATION	%	ASTM E-252-78	± 3
TENSILE STRENGTH	N/mm <sup>2</sup> MD	ASTM D-882	200
	(min.) TD		200
ELONGATION OF BREAK	% MD	ASTM D-882	180
	(max.) TD		130
DIMENSIONAL STABILITY 150 °C, 30 minutes	% MD	ASTM D-1204	2.0
	(max.) TD		0.5
C.O.F.	FILM/FILM	ASTM D-1894	0.5 ± 0.1
WVTR	g/m <sup>2</sup> .day (max.)	ASTM F-1249-06 38 °C, 90% RH	2.0
O <sub>2</sub> TR	cm <sup>3</sup> /m <sup>2</sup> .day.bar (max.)	ASTM D-3985 23 °C, 0% RH 1atm.	3.0
METAL ADHESION	%	Tape Test AIMCAL Spec scotch 610, 6 inch.	0
	N (min.)	A.J. Plast Standard	8

\*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                                      45 mm – 2500 mm. (width on request)**

**LENGTH RANGE                                      standard 2000 m. to 36000 m. (length on request)**

### BASE FILM OF METALLIZED FILM COMPLY WITH U.S. 21 CFR F.D.A. REGULATION PART 177.1630

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