

M-BOPET

METALLIZED PANCAKE POLYESTER FILM

CODE MPK

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

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT		TEST METHODS	TYPICAL VALUE	
THICKNESS	micron		Micrometer	11	12
OPTICAL DENSITY	min.		DENSITOMETER	2.0	2.0
YIELD	m ² /kg		ASTM D4321	64.94	59.52
AVERAGE THICKNESS VARIATION	%		ASTM E-252-78	± 3	± 3
TENSILE STRENGTH	N/mm ²	MD	ASTM D-882	200	200
	(min.)	TD		200	200
ELONGATION OF BREAK	%	MD	ASTM D-882	180	180
	(max.)	TD		130	130
DIMENSIONAL STABILITY 150 °C, 30 minutes	%	MD	ASTM D-1204	2.0	2.0
	(max.)	TD		0.5	0.5
C.O.F.	FILM/FILM		ASTM D-1894	0.5 ± 0.1	0.5 ± 0.1
WVTR	g/m ² .day	(max.)	ASTM F-1249-06 38 °C, 90% RH	35	35
O ₂ TR	cm ³ /m ² .day.bar	(max.)	ASTM D-3985 23 °C, 0% RH 1atm.	10	10
METAL ADHESION	%		Tape Test AIMCAL Spec scotch 610, 6 inch.	0	0
	N (min.)		AJ.Plast Standard	8	8

DESCRIPTION OF SUPPLY

PAPER CORE I.D. **76 mm (3 in.) 152 mm (6 in.)**

ROLL OUTSIDE DIAMETER **max. 1000 mm**

WIDTH RANGE **45 mm – 150 mm. (width on request)**

LENGTH RANGE **standard 2000 m. to 12000 m. (length on request)**

OUR PRODUCT COMPLY WITH U.S. 21 CFR F.D.A. REGULATION PART 177.1630

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