

BOPET PLAIN POLYESTER FILM

CODE PT

Designed specially for flexible packaging, lamination & metallizing applications. It offers good dimensional stability, high strength, excellent ink and coating adhesion.

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT		TEST METHODS	TYPICAL VALUE	
THICKNESS	micron		Micrometer	38	48
YIELD	m ² /kg		ASTM D4321	18.8	14.88
G.S.M.	g/m ²		Analysis balance	53.2	67.68
DENSITY	g/cm ³		ASTM D-1505	1.4	1.4
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	150	150
	(max.)	TD		130	130
DIMENSIONAL STABILITY 150 °C, 30 minutes	%	MD	ASTM D-1204	2.0	2.0
	(max.)	TD		1.0	1.0
C.O.F.	T/T		ASTM D-1894	0.5 ± 0.1	0.5 ± 0.1
	NT/NT			0.5 ± 0.1	0.5 ± 0.1
HAZE	% (max.)		ASTM D-1003-61	3.6	3.6
GLOSS (angle 60°)	% (min.)		ASTM D-2457	155	155
WETTING TENSION	Dynes/cm (min.)	treated side	ASTM D-2578	52	52
WVTR	g/m ² .day (max.)		ASTM E 398-03 38 °C, 90 % RH	20	15
O ₂ TR	cm ³ /m ² .day.bar (max.)		ASTM D-1434-82 23 °C, 0 % RH 1atm	20	15

*For both side we treated inside min 52 dynes/cm, outside min 50 dynes/cm.

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 – 2500 mm. (width on request)**

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

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

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