

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								
			8	10	11	12	15	16	19	20	
THICKNESS	micron	Micrometer	8	10	11	12	15	16	19	20	
YIELD	m ² /kg	ASTM D4321	89.29	71.43	64.94	59.52	47.62	44.64	37.59	35.71	
G.S.M	g/m ²	Analysis balance	11.2	14.0	15.51	16.92	21.15	22.56	26.79	28.2	
DENSITY	g/cm ³	ASTM D-1505	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
AVERAGE THICKNESS VARIATION	%	ASTM E-252-78	± 3	± 3	± 3	± 3	± 3	± 3	± 3	± 3	
TENSILE STRENGTH	N/mm ²	MD ASTM D-882	200	200	200	200	200	200	200	200	
	(min.)		TD	200	200	200	200	200	200	200	200
ELONGATION OF BREAK	%	MD ASTM D-882	150	150	150	150	150	150	150	150	
	(max.)		TD	130	130	130	130	130	130	130	130
DIMENSIONAL STABILITY 150 °C, 30 minutes	%	MD ASTM D-1204	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
	(max.)		TD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
C.O.F.		T/T	ASTM D-1894	0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.1
		NT/NT		0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.1
HAZE	%(max.)	ASTM D-1003-61	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	
GLOSS (angle 60°)	%(min.)	ASTM D-2457	155	155	155	155	155	155	155	155	
WETTING TENSION	Dynes/cm (min.) treated side	ASTM D-2578	52	52	52	52	52	52	52	52	
WVTR	g/m ² .day (max.)	ASTM E 398-03 38 °C, 90 % RH	52	42	40	40	35	35	25	25	
O ₂ TR	cm ³ /m ² .day.bar (max.)	ASTM D-1434-82 23 °C, 0 % RH 1atm	58	50	45	45	35	35	30	30	

*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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