

BOPET

PANCAKE POLYESTER FILM

CODE PK

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	11	12
YIELD	m^2/kg	ASTM D4321	64.94	59.52
G.S.M	g/m^2	Analysis balance	15.51	16.92
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	ASTM D-882	MD	200
	(min.)		TD	200
ELONGATION OF BREAK	%	ASTM D-882	MD	150
	(max.)		TD	130
DIMENSIONAL STABILITY 150 °C, 30 minutes	%	ASTM D-1204	MD	2.0
	(max.)		TD	0.5
C.O.F.		ASTM D-1894	T/T	0.5 ± 0.1
			NT/NT	0.5 ± 0.1
HAZE	%(max.)	ASTM D-1003-61	4.0	4.0
GLOSS (angle 60°)	%(min.)	ASTM D-2457	130	130
WETTING TENSION	Dynes/cm (min.)	ASTM D-2578	40	40
WVTR	$g/m^2 \cdot day$ (max.)	ASTM E 398-03 38 °C, 90 % RH	40	40
O ₂ TR	$cm^3/m^2 \cdot day \cdot bar$ (max.)	ASTM D-1434-82 23 °C, 0 % RH 1atm	45	45

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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