

BOPET

ULTRA CLEAR BOPET FILM

CODE PTC

Designed specially for flexible packaging, lamination and metallizing. It offers low haze, high gloss, high strength and excellent ink and coating adhesion.

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT	TEST METHODS	TYPICAL VALUE
THICKNESS	micron	Micrometer	12
YIELD	m ² /kg	ASTM D4321	59.52
G.S.M.	g/m ²	Analysis balance	16.92
DENSITY	g/cm ³	ASTM D-1505	1.4
AVERAGE THICKNESS VARIATION	%	ASTM E-252-78	± 3
TENSILE STRENGTH	N/mm ² MD	ASTM D-882	200
	(min.) TD		200
ELONGATION OF BREAK	% MD	ASTM D-882	150
	(max.) TD		130
DIMENSIONAL STABILITY 150 °C, 30 minutes	% MD	ASTM D-1204	2.0
	(max.) TD		0.5
C.O.F.	T/T	ASTM D-1894	0.5 ± 0.1
	NT/NT		0.5 ± 0.1
HAZE	% (max.)	ASTM D-1003-61	1.2
GLOSS (angle 60°)	% (min.)	ASTM D-2457	155
WETTING TENSION	Dynes/cm (min.) treated side	ASTM D-2578	52
WVTR	g/m ² .day (max.)	ASTM E 398-03 38 °C, 90 % RH	40
O ₂ TR	cm ³ /m ² .day.bar (max.)	ASTM D-1434-82 23 °C, 0 % RH 1atm	45

*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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