

PET FILM *

Designed specially for flexible packaging, lamination & metallization applications. It offers good dimensional stability, exceptional flatness & strength

PRODUCT CODE
NO. PT - 100R1

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT		TEST METHODS	TYPICAL VALUE			
THICKNESS	micron		Micrometer	12	20	25	36
YIELD	m ² /kg (min.)		-	60.39	36.23	28.99	20.13
DENSITY	g/cm ³		ASTM D-1505	1.38	1.38	1.38	1.38
AVERAGE THICKNESS VARIATION	% (max.)		ASTM E-252	± 3	± 3	± 3	± 3
TENSILE STRENGTH	kg/mm ² (min.)	MD	ASTM D-882	17	17	17	17
		TD		18	18	18	18
ELONGATION AT BREAK	% (max.)	MD	ASTM D-882	140	140	140	140
		TD		120	120	120	120
THERMAL SHRINKAGE (150°C 15 minutes)	% (max.)	MD	ASTM D-1204	2.0	2.0	2.0	2.0
		TD		1.5	1.5	1.5	1.5
KINETIC C.O.F.	film/film		ASTM D-1894	0.5	0.5	0.5	0.5
HAZE	% (max.)		ASTM D1003	3.6	5.0	5.5	7.0
GLOSS (angle 45°)	% (min.)		ASTM D-2457	90	90	90	90
WVTR	g/m ² /24hr (max.)		ASTM F-1249	43	26	21	14
O ₂ TR	cc/m ² /24hr (max.)		ASTM D-3985	138	83	66	46
N ₂ TR	cc/m ² /24hr (max.)		ASTM D-1434	320	190	154	107
WETTING TENSION ONE SIDE	Dyne/cm (min.)		ASTM D-2578	50	50	50	50
				BOTH SIDES	50/50	50/50	50/50

DESCRIPTION OF SUPPLY

PAPER CORE I.D.	77 mm (3 in.), 153 mm (6 in.)
ROLL O.D.	Max. 800 mm
WIDTH RANGE	100 mm - 2,000 mm (other width on request)
LENGTH RANGE	STANDARD 4,000 m, 6,000 m, 12,000 m, 24,000 m (other length on request)

Food approval : complied with FDA & EU regulations (on request)

Storage condition : should be keep at ambient temperature ~ 30°C and not over 40°C. and keep in dry storage.

FURTHER TECHNICAL INFORMATION ON REQUEST

*polyethylene terephthalate film

The above standard film properties are subjected to change and periodical modification without prior notice, please re-check for the most update version with our Sales & Marketing Department.