THAI FILM INDUSTRIES PUBLIC CO.,LTD.

P – 21

PRODUCT CODE
NO. PT - 101R1

METALLIZED PET * FILM

The extra low permeability for excellent barrier film purpose.
Very high gloss of metallic with supreme appearance.
Strong texture of PET film, high strength & stiffness.

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT		TEST METHODS	TYPICAL VALUE	
THICKNESS	micron		Micrometer	12	25
YIELD	m^2/kg (min.)		-	60.39	28.99
AVERAGE THICKNESS VARIATION	% (max.)		ASTM E-252	± 3	± 3
TENSILE STRENGTH	kg/mm^2 (min.)	MD	ASTM D-882	17	17
		TD		18	18
ELONGATION AT BREAK	% (max.)	MD	ASTM D-882	140	140
		TD		120	120
THERMAL SHRINKAGE (150°c 15 minutes)	% (max.)	MD	ASTM D-1204	2.0	2.0
		TD		1.5	1.5
KINETIC C.O.F.	film/film		ASTM D-1894	0.5	0.5
OPTICAL DENSITY	(min.)			2.0	2.0
WVTR	g/m^2/24hr (max.)		ASTM F-1249	1.1	0.5
O_2TR	cc/m^2/24hr (max.)		ASTM D-3985	5.7	2.3
WETTING TENSION	Dyne/cm (min.)		ASTM D-2578	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 - 1,750 mm
LENGTH RANGE	STANDARD 4,000 m, 6,000 m, 12,000 m (other length on request)
JOINT	maximum 10% per order

*** polyethylene terephthalate film**

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
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.

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