THAI FILM INDUSTRIES PUBLIC CO., LTD.

PROVISIONAL TECHNICAL DATA SHEET

C - 25

CPP CO-EX METALLIZABLE GRADE LOW HEAT SEALABLE

Special designed for vacuum metallizing application.
Goood aluminium bonding strength exceptional heat seal temperature & high seal strength.

PRODUCT CODE NO. CP – 105A

TECHNICAL DATA

TYPICAL PROPERTIES	UNIT		TEST METHODS	TYPICAL VALUE	
THICKNESS	micron		Micrometer	20	25
YIELD	m^2/kg (min.)		-	**55.56**	**44.44**
DENSITY	g/cm^3		ASTM D-1505	0.90	0.90
AVERAGE THICKNESS VARIATION	% (max.)		ASTM E-252	± 3	± 3
TENSILE STRENGTH	kg/mm^2	MD	ASTM	4	4
	(min.)	TD	D-882	2	2
ELONGATION AT BREAK	%	MD	ASTM	400	400
	(min.)	TD	D-882	400	400
KINETIC C.O.F.	film/film (max.)		ASTMD-1894	~ 0.9	~ 0.9
SEALING TEMPERATURE	^{o}c		1 BAR 1 SEC	120	120
SEALING STRENGTH	g/cm (min.)		-	500	500
HAZE	%		ASTM D-1003	3.5	3.5
GLOSS (Angle 45 ^{o})	% (min.)		ASTM D-2457	80	80
WVTR	g/m^2/24hr (max.)		ASTM F-1249	12	10
O_2TR	cc/m^2/24hr (max.)		ASTM D-3985	3,600	3,000
WETTING TENSION	Dyne/cm (min.)		ASTM D-2578	38	38

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.
LENGTH RANGE	STANDARD 4,000 m., 6,000 m. (other length on request)
JOINT	maximum 10% per order

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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