

TECHNICAL DATA SHEET



GA

Foopak Bio Container (GA) is designed to be the solution of the eco-friendly takeaway box, using proprietary aqueous dispersion coating technology that makes the product has water, and moisture resistance without using any plastic coating or extrusion. Foopak Bio Container exclusively uses certified wood sources. Foopak Bio Container is also recyclable and repulpable without any additional treatment or process. With its heat-sealable nature, this product can run on the existing lunchbox machine with the minor adjustment.



PRODUCT SPECIFICATION

GRAMMAGE T 410 om-02		THICKNESS ISO 534:1988 (E)		STIFFNESS 15° T 556 om-05	
(g/m ²)	(24" x 36" 500)lb	(µm)	(pt)	CD (mNm)	MD (mNm)
240 ± 5%	147 ± 5%	360 ± 4%	14.2 ± 4%	6.0	11.9
255 ± 5%	157 ± 5%	390 ± 4%	15.3 ± 4%	7.1	14.6
270 ± 5%	166 ± 5%	420 ± 4%	16.5 ± 4%	8.1	17.2
290 ± 5%	178 ± 5%	460 ± 4%	18.1 ± 4%	11.4	21.6
315 ± 5%	194 ± 5%	510 ± 4%	20.1 ± 4%	14.6	27.0
340 ± 5%	209 ± 5%	560 ± 4%	22.0 ± 4%	17.3	32.4
*) 370 ± 5%	*) 227 ± 5%	610 ± 4%	24.0 ± 4%	21.8	33.8

*) Available upon requested

Tolerance for stiffness 10%

PROPERTY, UNIT	UNIT	METHOD	SIDE	VALUES
Moisture Content	%	T 412 om-02		6.0 ± 1.0
Roughness	µm	T 555 om-04	TOP	Max 1.80
Brightness (D65/10°)	%	ISO 2470-2:2008 (E)	TOP	90.0 ± 1.0
Gloss 75°	%	T 480 om-05	TOP	50.0 ± 5.0
Internal Bond Strength	J/m ²	T 569 pm-00		Min 120
Water Absorption COBB (60s)	g/m ²	T 441 om-04	TOP	35-55 ⁽¹⁾
Water Absorption COBB (180s)	g/m ²	T 441 om-04	TOP	Max 70
MVTR (gsm/day)	gsm/day	T 448 om-04		Max 150

*) Testing is done when production finished at room condition, Temp (°C) : 23 ± 1 and RH (%) : 50 ± 2

⁽¹⁾ For customers that require SNI certification, the board product will be modified to have Cobb Size (60s) maximum standard as 50 g/m²

APPLICATION USES

- Lunchbox
- Tray
- Food Box
- Sandwich Box
- Chocolate box
- Take away container

*) Heat sealing top & back condition approx. 230°C, 3 bar pressure, 1 sec

*) Testing is done when production finished at room condition, the level may go down due to external conditions which is out of control, Temp (°C) : 23 ± 1 and RH (%) : 50 ± 2

OTHER FEATURE

- BfR XXXVI compliance
- Very good dimension stability
- Suitable for direct food packaging

RECOMMENDED PRINTING METHODS

- Offset

Note :

Recommended to seek further technical advice and support from the ink vendors in term of the quality compliance between printing inks, printing methods and its paperboard.

A Product of:



Manufactured by:
PT. Indah Kiat Pulp & Paper Tbk.
Serang Mill, Banten, Indonesia



Rev.04

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All parameters measured to 95% confidence interval

