

TECHNICAL DATA SHEET

GT

TEMPORARY SPECIFICATION

Foopak Magnaboard (GT) is manufactured to answer OBA free food-packaging with hardsized and high bulk feature. End usages paper trays, paper plates and food packaging boxes. It is made from selected virgin fibers from managed sustainable forest and holds certification for both direct food contact and chain of custody.



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)
210 ± 4%	129 ± 4%	305 ± 3%	12.0 ± 3%	3.9	8.1
220 ± 4%	135 ± 4%	330 ± 3%	13.0 ± 3%	4.4	9.2
230 ± 4%	141 ± 4%	350 ± 3%	13.8 ± 3%	6.0	11.9
245 ± 4%	151 ± 4%	365 ± 3%	14.4 ± 3%	6.3	12.5

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	Min 80
Gloss 75°	%	T 480 om-05	TOP	50.0 ± 5.0
Internal Bond Strength	J/m ²	T 569 pm-00		Min 130
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
			BACK	Max 70

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

- Paper Trays
- Paper Plates
- Food Boxes
- Cake Box

OTHER FEATURE

- Suitable for microwave
(Temp until 175 °C, 2 minutes)

RECOMMENDED PRINTING METHODS

- Offset

Note :

- Temporary specification, this meant that the data presented in this specification is not fixed yet and will possibly be subjected to change in the future.
- For first time customer/new application, please conduct plant trial first before commercial order.
- Strongly recommend to seek further technical advice and support from glue and ink vendors in terms of the board's adhesives compatibility and the board's printability/printing method respectively.

A Product of:



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



Rev.02

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All parameters measured to 95% confidence interval

