

TECHNICAL

TEMPORARY DATA SHEET



Foopak Magna Board is a premium quality high bulkiness OBA-free paperboard base with the capabilities in terms of hard-size fibers and PFAS-free that is designed to meet the F & B segment such as paper plate, tray, and takeaway box. Foopak Magna Board as compliance with the US FDA and EU in terms of the food safety aspect.



SUSTAINABLE FORESTRY INITIATIVE
571-83736

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)	
				Min	Target	Min	Target
*) 195 ± 4%	119 ± 4%	280 ± 3%	11.0 ± 3%	2.5	2.8	5.2	5.8
*) 210 ± 4%	129 ± 4%	305 ± 3%	12.0 ± 3%	3.5	3.9	7.3	8.1
*) 220 ± 4%	135 ± 4%	330 ± 3%	13.0 ± 3%	4.0	4.4	8.3	9.2
*) 230 ± 4%	141 ± 4%	350 ± 3%	13.8 ± 3%	5.4	6.0	10.7	11.9
*) 235 ± 4%	144 ± 4%	365 ± 3%	14.4 ± 3%	5.7	6.3	11.2	12.5
*) 245 ± 4%	151 ± 4%	380 ± 3%	15.0 ± 3%	6.2	6.9	12.0	13.3

*) Available upon request and MOQ fulfillment

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 tray, Paper plate, Food box, Cake box.

RECOMMENDED PRINTING METHODS

- Offset

OTHER FEATURE

- Microwave Compliance, Temp -18 until 175 °C, 2 minutes

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.



Rev.1

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All parameters measured to 95% confidence interval

SCAN ME

Specification for reference only for update and further information please visit us at :

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