

# TECHNICAL

## DATA SHEET



Foopak Bio Container is eco-friendly folding box paperboard with direct contact food packaging capability that is developed to serve the trays, takeaway food boxes and sandwich packaging without any plastic lining on its surface.

Foopak Bio Container is produced using PEFC and SFI certified wood sources and designed to meet the food safety conformity according to the US FDA as well as EU, PFAS-free and recyclability.



### PRODUCT SPECIFICATION

GRAMMAGE T 410 om-02		THICKNESS ISO 534:1988 (E)		STIFFNESS 15° T 556 om-05			
(g/m <sup>2</sup> )	(24" x 36" 500)lb	(µm)	(pt)	CD (mNm)		MD (mNm)	
				Min	Target	Min	Target
220 ± 5%	135 ± 5%	315 ± 4%	12.4 ± 4%	3.3	3.9	6.6	7.8
240 ± 5%	147 ± 5%	360 ± 4%	14.2 ± 4%	4.6	5.4	9.6	11.3
255 ± 5%	157 ± 5%	390 ± 4%	15.3 ± 4%	6.2	7.3	11.8	13.9
270 ± 5%	166 ± 5%	420 ± 4%	16.5 ± 4%	7.0	8.3	13.9	16.4
290 ± 5%	178 ± 5%	460 ± 4%	18.1 ± 4%	8.8	10.3	17.4	20.5
315 ± 5%	194 ± 5%	510 ± 4%	20.1 ± 4%	11.1	13.1	21.8	25.7
*) 340 ± 5%	209 ± 5%	560 ± 4%	22.0 ± 4%	13.3	15.6	26.2	30.8
*) 370 ± 5%	227 ± 5%	610 ± 4%	24.0 ± 4%	17.0	20.0	30.5	35.9

\*) Available upon requested and MOQ fulfillment

PROPERTY	UNIT	METHOD	SIDE	VALUES
Brightness (D65/10°)	%	ISO 2470-2:2008	TOP	90.0 ± 1.0
Gloss 75°	%	T 480 om-05	TOP	5.0 ± 5.0
Internal Bond Strength	J/m <sup>2</sup>	T 569 pm-00		Min 120
Water Absorption COBB (60sec)	g/m <sup>2</sup>	T 441 om-04	TOP	35 - 55
Water Absorption COBB (180sec)	g/m <sup>2</sup>	T 441 om-04	TOP	Max 70

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

#### APPLICATION USES

- Cake box, Tart box, Chocolate Packaging, Pharmaceutical, Confectionery, Base paper.

#### OTHER FEATURE

- BfR XXXVI compliance

#### RECOMMENDED PRINTING METHODS

- Offset

#### Note :

- 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.4  
Issue Date : October 14, 2024  
All parameters measured to 95% confidence interval

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