

TECHNICAL

TEMPORARY DATA SHEET



Foopak Hardsize is a high bulk folding box board that is made from virgin fibers and certified PEFC wood and designed with the hard size capability thus performs well in terms of its strength properties in chilled condition. The Foopak Hardsize is complies to serve the direct contact food packaging that demanding to be kept in the chilled condition due to the requirement of its food such as cakes boxes. The pigment coating applied on the top side/printed side thus provide excellent printing quality with rich of vivid colors.



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
210 ± 4%	129 ± 4%	305 ± 4%	12.0 ± 4%	3.3	3.9	6.6	7.8
230 ± 4%	141 ± 4%	350 ± 4%	13.8 ± 4%	4.6	5.4	9.6	11.3
245 ± 4%	151 ± 4%	380 ± 4%	14.9 ± 4%	6.2	7.3	11.8	13.9
260 ± 4%	160 ± 4%	410 ± 4%	16.1 ± 4%	7.0	8.3	14.8	16.4
280 ± 4%	172 ± 4%	450 ± 4%	17.7 ± 4%	8.7	10.3	17.4	20.5
305 ± 4%	187 ± 4%	500 ± 4%	19.7 ± 4%	11.1	13.1	21.8	25.7
*) 330 ± 4%	203 ± 4%	550 ± 4%	21.7 ± 4%	13.3	15.6	26.2	30.8
360 ± 4%	221 ± 4%	600 ± 4%	23.6 ± 4%	17.0	20.0	30.5	35.9

*) Available Upon Request 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	91.0 ± 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 (60sec)	g/m ²	T 441 om-04	TOP	Max 55
Water Absorption COBB (180sec)	g/m ²	T 441 om-04	TOP	Max 70
			BACK	Max 70

*) Reference parameter

Testing is done when production finished at room condition, Temp (°C) : 23 ± 1 and RH (%) : 50 ± 2
Using reference TAPPI T 537 for counting dirt count in paper and paperboard

APPLICATION USES

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

OTHER FEATURE

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

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.0
Issue Date : October 31, 2024
All parameters measured to 95% confidence interval

