

TECHNICAL

DATA SHEET



Foopak Natura Cup Hi-Brite is poly-coated paperboard that is made from the virgin fibers taken from the PEFC certified and SFI wood sources, with high bright shade, OBA-free, PFAS-free, strong wicking resistance, and good barrier performance, as well as uniform rim formation and superior printability, with hygienic manufacturing standards for food and beverage applications, for hot, cold and deep-frozen. This product is designed to prevent any liquid seepage on the cutting side.



BASEPAPER 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
*) 170 ± 4%	104 ± 4%	235 ± 4%	9.3 ± 4%	1.0	1.1	4.2	4.7
190 ± 4%	117 ± 4%	265 ± 4%	10.4 ± 4%	1.8	2.0	5.9	6.6
210 ± 4%	129 ± 4%	295 ± 4%	11.6 ± 4%	2.6	2.9	7.3	8.1
230 ± 4%	141 ± 4%	320 ± 4%	12.6 ± 4%	3.4	3.8	8.4	9.6
*) 240 ± 4%	147 ± 4%	325 ± 4%	12.8 ± 4%	3.6	4.0	9.3	9.8
260 ± 4%	160 ± 4%	360 ± 4%	14.2 ± 4%	4.6	5.1	10.9	12.1
280 ± 4%	172 ± 4%	385 ± 4%	15.2 ± 4%	6.1	6.8	13.6	15.1
300 ± 4%	184 ± 4%	415 ± 4%	16.3 ± 4%	7.0	7.8	16.6	18.4
*) 320 ± 4%	197 ± 4%	440 ± 4%	17.3 ± 4%	8.6	9.5	21.3	23.7
*) 330 ± 4%	208 ± 4%	455 ± 4%	17.9 ± 4%	9.4	10.4	24.5	27.2

*) Available upon requested and MOQ fulfillment

BASEPAPER PROPERTY	UNIT	METHOD	SIDE	VALUES
Moisture Content	%	T 412 om-02		7.5 ± 1.0
Brightness (D65/10°)	%	ISO 2470-2:2008	TOP	Min 80.5
Edge Wick	kg/m ²	Internal Mill	Lactic Acid 1%, 1 Hours	Max 1.60
Surface Tension	Dyne/cm	ASTM D2578-09	PE SIDE	Min 38
Dirt Spot	m ²	T 537 om-02	Spot size, mm ² 0.1-0.3	Max 40
			Spot size, mm ² 0.3-1.5	Max 10
			Spot size, mm ² >1.5	Max 0

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

LDPE POLY CONFIGURATIONS

GSM, g/m ²	±2	15	18	20	22	24
THICKNESS, µm	Min	12	15	18	20	22

- Available in both [BS] single-sided and [BZ] double-sided poly configuration, in choice of gloss or matte finish.
- Surface treatment is normally applied for improvement printability, customer may make special request for no treatment.
- PE coated weight and thickness is to be added in base paper to get final,
example : BS-348 gsm (0/330/18G) --> Basis Weight : 330 + 18 = 348 gr/m²
Thickness : 455 + 15 = 470 µm

APPLICATION USES

- Hot Cups, Cold Cups, Rice Bowl, Soup Bowl, Noodle Bowl, Take Away Boxes, Ice Cream Cup.

PRINTING METHODS

- Flexographic
- 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.



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 All parameters measured to 95% confidence interval



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