

TECHNICAL

TEMPORARY DATA SHEET



Foopak Natura Gloss is poly-coated paperboard with high bright shade that is made from the PEFC and SFI certified wood sources, PFAS-free, comply to serve for food and beverage applications, safe for both hot and cold applications. Foopak Natura Gloss offers strong wicking resistance and good barrier performance and provides excellent printing quality with rich of vivid colors due to the presence of pigment coating on the top side/printed side.



BASE PAPER 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
190 ± 4%	117 ± 4%	247 ± 4%	9.7 ± 4%	1.9	2.1	5.0	5.6
210 ± 4%	129 ± 4%	275 ± 4%	10.8 ± 4%	2.1	2.4	6.0	6.7
230 ± 4%	141 ± 4%	300 ± 4%	11.8 ± 4%	3.1	3.5	7.5	8.4
260 ± 4%	160 ± 4%	345 ± 4%	13.6 ± 4%	4.9	5.5	10.5	11.7
270 ± 4%	166 ± 4%	355 ± 4%	14.0 ± 4%	5.1	5.7	11.8	13.1
300 ± 4%	184 ± 4%	395 ± 4%	15.6 ± 4%	6.2	6.9	12.3	13.7
*) 320 ± 4%	197 ± 4%	430 ± 4%	16.9 ± 4%	8.1	9.0	19.7	21.9

*) Available upon request 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 81.0 *)
Internal Bond Strength	J/m ²	T 569 pm-00		Min 150
Water Absorption COBB (180sec)	g/m ²	T 441 om-04		Max 70
Edge Wick	kg/m ²	Internal Mill	Lactic Acid 1%, 1 Hours	Max 1.60
Surface Tension	Dyne/cm	ASTM D2578-09	TOP PE SIDE	Min 38
Dirt Spot	m ²	T 537 om-02	Spot size, mm ² 0.1-0.3	Max 60
			Spot size, mm ² 0.3-1.5	Max 10
			Spot size, mm ² >1.5	Max 0

*) Brightness for trial reference.

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 [CS] single-sided and [CZ] 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 : CS-248 gsm (0/230/18G) -> Basis Weight : 230 + 18 = 248 gr/m²
Thickness : 300 + 15 = 315 µm

OTHER FEATURE

- Good printability, Strong edge wicking resistance

RECOMMENDED PRINTING METHODS

- Flexo
- Offset

APPLICATION USES

- High printing result cup, Ice cream, soup, noodle.

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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