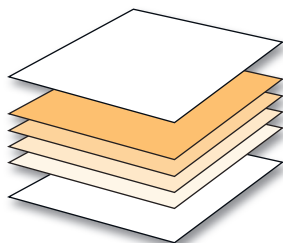


# SinarVANDA-GV

High bulkiness with white-back folding box board (GC1) which especially designed to serve both food and non-food packaging applications by combining higher yield, strength, and appearance properties.



DOUBLE COATING	Min 20 gsm	Blade
TOP LAYER	NBKP + LBKP	
UNDER LAYER	BCTMP	
FILLER LAYER	BCTMP	
BACK LAYER	NBKP + LBKP	
COATING	Min 6 gsm	

Grammage (g/m <sup>2</sup> ) T 410 om - 02	Caliper (pt)	Stiffness Taber 15° T 489 om - 04				Thickness (µm) ISO 534 : 1988 (E)
		CD (gf.cm)	MD (gf.cm)	CD (mNm)	MD (mNm)	
210 ± 4%	12	44	84	4.3	8.2	305 ± 12
*] 230 ± 4%	14	61	121	6.0	11.9	350 ± 14
245 ± 4%	15	83	149	8.1	14.6	380 ± 15
260 ± 4%	16	94	176	9.2	17.3	410 ± 16
*] 280 ± 4%	18	116	220	11.4	21.6	450 ± 18
*] 305 ± 4%	20	149	275	14.6	27.0	500 ± 20
*] 330 ± 4%	22	176	330	17.3	32.4	550 ± 22
360 ± 4%	24	226	385	22.2	37.8	600 ± 24

Tolerance for Stiffness : ± 10%

## PROPERTY

### Roughness

210 - 230 gsm	Average	Top 1.0 µm
	Tolerance	Top Max 1.3 µm
245 - 360 gsm	Average	Top 1.3 µm
	Tolerance	Top Max 1.8 µm

PPS (1.0 MPa) T 555 om - 04

<b>Gloss 75°</b>	%	Top 50 ± 5
------------------	---	------------

T 480 om - 05

<b>Brightness</b>	%	Top 90 ± 1
-------------------	---	------------

ISO 2470

<b>Moisture Content</b>	%	6.0 ± 1
-------------------------	---	---------

T 412 om - 02

<b>Internal Bond Strength</b>	Min 120 J/m <sup>2</sup>
-------------------------------	--------------------------

SCOTT T 569 pm - 00

### Water Absorption

COBB <sub>60</sub>	Top 50 (+10) g/m <sup>2</sup> Back 50 (+10) g/m <sup>2</sup>
COBB <sub>180</sub> *)	

T 441 om - 04

## APPLICATIONS

Cosmetics, Toiletries, Detergents, Textiles, Tools, Household Appliances.

## PRINTING METHOD

Offset, Letterpress.

\*) Available for Hard Sizing, specially for cold storage food packaging (GS Grade).



SPECIFICATION FOR REFERENCE ONLY

Issued Date : May 14<sup>th</sup>, 2013

A good quality product by Serang Mill,



Strategic Sales Channel - USA & Latin America  
www.chartaglobal.com  
Email: info@chartaglobal.com  
Phone: +1 714-687-6648

# SinarVANDA-GV

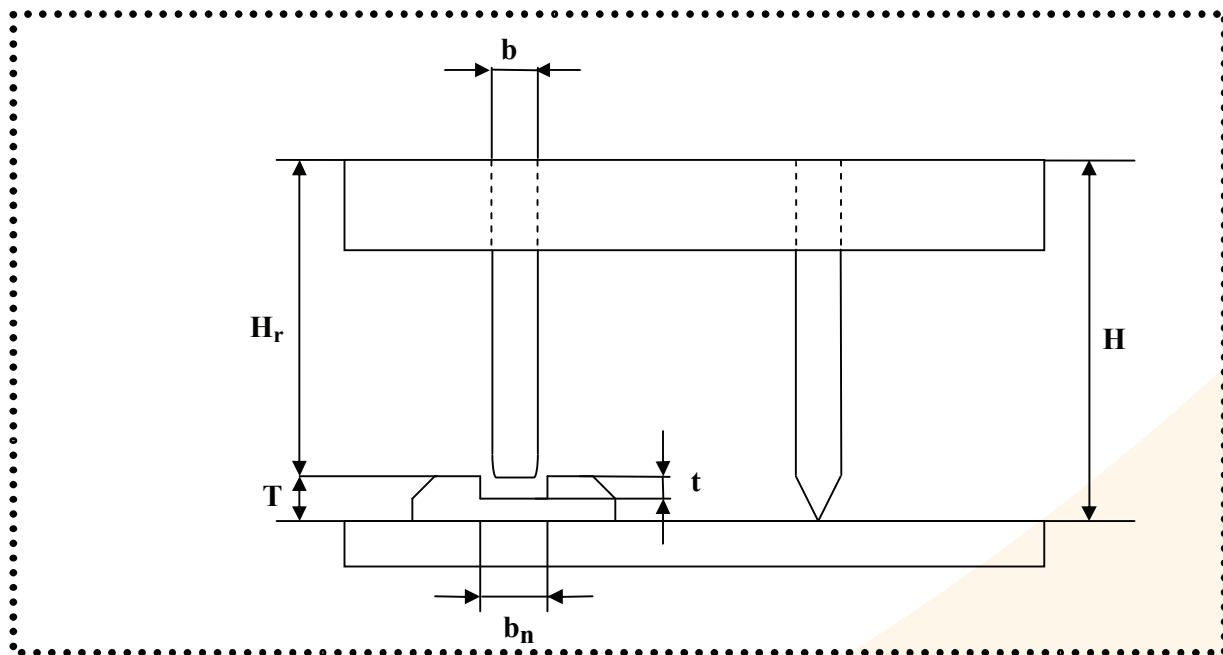
High bulkiness with white-back folding box board (GC1) which especially designed to serve both food and non-food packaging applications by combining higher yield, strength, and appearance properties.

## General Technical Information

PAPERBOARD THICKNESS, <sup>1)</sup> (mm)	CREASING RULE		THICKNESS, of COUNTERPART, T, mm	GROOVE WIDTH <sup>2)</sup> , $b_n$	
	HEIGHT, $H_r$ , (mm)	THICKNESS, b, mm		MD <sup>3)</sup>	CD <sup>4)</sup>
305	23.5	0.70	0.3	1.1	1.2
350	23.4	0.70	0.4	1.2	1.3
380	23.4	0.70	0.4	1.2	1.3
410	23.4	0.70	0.4	1.3	1.4
450	23.3	0.70	0.5	1.3	1.4
500	23.3	0.70	0.5	1.4	1.5
550	23.2	0.70	0.6	1.4	1.5
600 *)	23.2	0.70	0.6	1.6	1.7
**)	23.2	1.05	0.6	1.7	1.8

Height of Cutting Rule, H = 23.8 mm

- 1) Paperboard Thickness ~ Thickness of Counterpart
  - 2) Maximum recommended tolerance on groove width  $\pm 0.2$  mm
  - 3) Grooves parallel to the sheet fibers
  - 4) Grooves perpendicular to the sheet fibers
- \*) For Thickness under limit 600  $\mu$ m  
 \*\*) For Thickness upper limit 600  $\mu$ m



SPECIFICATION FOR REFERENCE ONLY

Issued Date : May 14<sup>th</sup>, 2013

A good quality product by Serang Mill,



Strategic Sales Channel - USA & Latin America  
 www.chartaglobal.com  
 Email: info@chartaglobal.com  
 Phone: +1 714-687-6648