

Sinar Board IA

Sinar Board IA is a GC1 folding boxboard developed for high-performance packaging. Its combination of strength, converting ease, and high quality print performance with a bright bluish-white finish for a refined visual outcome.

Cost Efficiency

Sinar Board provides an optimal balance between performance & cost, delivery dependable quality for premium packaging applications.

Consistent Printability

Engineered to ensure stable ink absorption and color reproduction, Sinar Board supports clear graphics and uniform printing result.

Stable Strength

With controlled stiffness and structural integrity, Sinar Board performs well in die-cutting, folding and gluing process.

Wide Application

Suitable for a broad range of applications such as inner packaging, general-purpose boxes, making it a versatile choice for diverse market needs.

Applications



Toiletries



Pharmaceutical



Detergent



Textiles



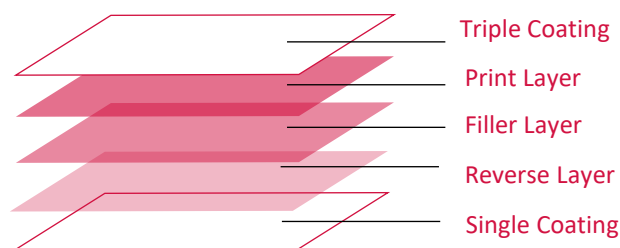
Household
Appliances



Hobby
Items

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Coating	TRIPLE COATING
Print Layer	BLEACHED CHEMICAL PULP
Filler Layer	BCTMP
Reverse Layer	BLEACHED CHEMICAL PULP
Coating	SINGLE COATING



Grammage, gsm ISO 536	Moisture, % ISO 287	Thickness, micron ISO 534	Thickness, pt ISO 534	Stiffness 15° CD, mN.m TAPPI T 489	Stiffness 15° MD, mN.m TAPPI T 489
170 ± 4%	7.0 ± 1.0	226 ± 4%	9	1.5	2.8
190 ± 4%	7.0 ± 1.0	255 ± 4%	10	2.0	3.9
210 ± 4%	7.0 ± 1.0	285 ± 4%	11	3.0	6.5
230 ± 4%	7.0 ± 1.0	318 ± 4%	13	3.9	7.8
250 ± 4%	7.0 ± 1.0	350 ± 4%	14	4.9	9.8
270 ± 4%	7.0 ± 1.0	385 ± 4%	15	6.1	12.2
300 ± 4%	7.0 ± 1.0	435 ± 4%	17	7.9	15.8
325 ± 4%	7.0 ± 1.0	480 ± 4%	19	9.5	19.0
350 ± 4%	7.0 ± 1.0	525 ± 4%	21	13.2	26.5
380 ± 4%	7.0 ± 1.0	580 ± 4%	23	16.4	33.1
400 ± 4%	7.0 ± 1.0	620 ± 4%	24	20.3	40.5

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

PROPERTIES		
Gloss (Top) 75, %	50 ± 5	ISO 8254-1
Internal Bonding Strength, J/m ²	≥ 130	ISO 16260
PPS Roughness Top, micron	1.2 ± 0.3	ISO 8791-4
Cobb Size (60 s) Top, g/m ²	≤ 60	ISO 535
Brightness D65/10 Top, %	90 ± 1	ISO 2470-2

TYPICAL END USES
Toiletries, Pharmaceutical, Detergent, Textiles, Household Appliances, Hobby Items, Paper Products
RECOMMENDED PRINTING METHODS
Offset

Note : - The back side (reverse side) is not recommended for printing. - 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.