

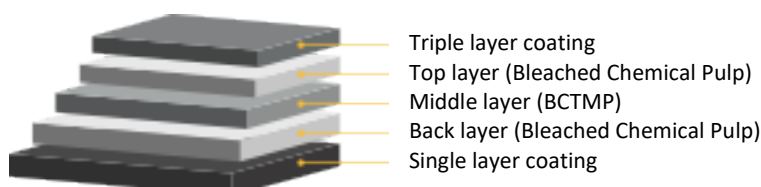
Folding Box Board GC1 Hi-Bulk

Technical Data Sheet

Product Description

A specialized type of folding box board offering light-weighting option without compromising the strength and thickness. It is suitable for applications where both durability and rigidity, more substantial feel are desired.

Structure



Features

Good printability for both side printing end application. Light-weighting without compromising the strength and thickness.

End-use

Cosmetics, confectionery, dry food, electronics, book cover, healthcare, and pharmaceuticals

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Property	Unit	Tolerance	Value											Standard
Grammage	g/m²	± 3%	215	225	235	250	270	295	305	325	350	380	ISO536	
Thickness	µm	± 4%	305	330	355	380	420	460	490	510	560	610	ISO534	
Moisture	%	± 1.0	7.0	7.0	7.0	7.0	7.0	7.0	7.5	7.5	7.5	8.0	ISO287	
Stiffness Taber 15° MD	mN.m	- 15%	7.8	9.9	11.5	13.7	16.0	20.7	24.1	28.6	34.1	39.5	ISO2493	
Stiffness Taber 15° CD	mN.m	- 15%	3.7	4.7	5.5	6.5	7.5	9.8	11.4	13.6	16.2	18.8	ISO2493	
Top Cobb (60s)	g/m²	≤	50	50	50	50	50	50	50	50	50	50	ISO535	
Back Cobb (60s)	g/m²	≤	60	60	60	60	60	60	60	60	60	60	ISO535	
Top Brightness	%	± 2	91	91	91	91	91	91	91	91	91	91	ISO2470	
Gloss 75°	%	± 5	50	50	50	50	50	50	50	50	50	50	ISO8254	
Surface Roughness PPS10	µm	Max 1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	ISO8791	
Surface Strength	m/s	≥	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	ISO3783	
Scott Bond	J/m²	Min 130	150	150	150	150	150	150	150	150	150	150	TAPPI T569	

Remarks

- All properties are tested according to ISO and TAPPI Standard.
- Tolerances, when specified, are based on 95% confidence limits on mill measurements of samples tested in standard conditions. According to ISO 187, (23°C/50% RH).

