

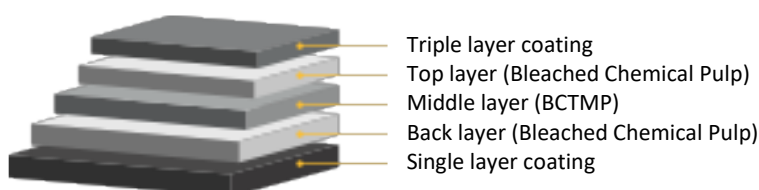
Folding Box Board GC1 Hi-Bulk Hi-White

Technical Data Sheet

Product Description

A type of Hi-Bulk paperboard that is specifically designed for high-quality printing and graphic applications. It is known for its smooth, glossy surface on both sides, which allows for excellent ink adhesion and vibrant colour reproduction.

Structure



Features

Light-weighting, high whiteness, without compromising the strength and thickness. Better smoothness for premium printing quality.

End-use

Premium cosmetics, beauty care, electronics, graphic applications, healthcare, pharmaceuticals

Rev.05
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Property	Unit	Tolerance	Value											Standard
Grammage	g/m ²	± 3%	200	215	235	250	260	270	290	300	320	340	350	ISO536
Thickness	µm	± 4%	296	321	358	400	415	432	464	483	512	544	560	ISO534
Moisture	%	± 1.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.5	7.5	7.5	7.5	ISO287
Stiffness Taber 15° MD	mN.m	- 15%	7.8	9.2	10.9	13.6	15.3	16.2	19.6	23.6	28.2	33.2	39.3	ISO2493
Stiffness Taber 15° CD	mN.m	- 15%	3.7	4.5	5.2	6.5	7.2	7.7	9.3	11.1	13.4	15.8	18.8	ISO2493
Top Cobb (60s)	g/m ²	≤	50	50	50	50	50	50	50	50	50	50	50	ISO535
Back Cobb (60s)	g/m ²	≤	60	60	60	60	60	60	60	60	60	60	60	ISO535
Top Brightness	%	± 2	95	95	95	95	95	95	95	95	95	95	95	ISO2470
CIE Whiteness	%	± 10	130	130	130	130	130	130	130	130	130	130	130	ISO11476
Gloss 75°	%	± 5	50	50	50	50	50	50	50	50	50	50	50	ISO8254
Surface Roughness PPS10	µm	Max 1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	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	1.2	ISO3783
Scott Bond	J/m ²	Min 130	150	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).

