

# FBB Cupstock Hi-Bulk

## Technical Data Sheet

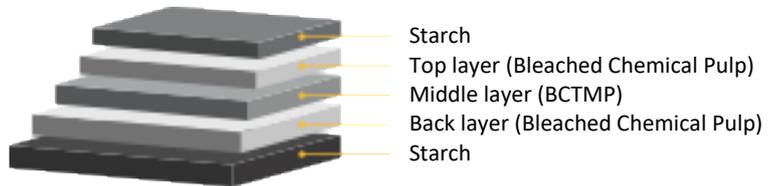
### Product Description

A specialized type of paperboard designed for the production of disposable beverage cups, such as coffee cups, and other single-use food and drink containers. It is engineered to meet specific requirements for food safety, insulation, and printability.

### Features

OBA-free, safe for direct contact with beverages and food products.

### Structure



### End-use

Foodservice hot and cold paper cups, bowls, ice-cream cups, containers and trays

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Property	Unit	Tolerance	Value													Standard
			160	170	180	190	210	220	230	250	270	280	300	320	340	
Grammage	g/m <sup>2</sup>	± 3%	160	170	180	190	210	220	230	250	270	280	300	320	340	ISO536
Grammage	lb/3000ft <sup>2</sup>		98	104	111	117	129	135	141	154	166	172	184	197	209	ISO536
Thickness	µm	± 4%	240	255	270	285	315	330	345	375	405	420	450	480	510	ISO534
Thickness	pt		9.4	10.0	10.6	11.2	12.3	12.9	13.5	14.7	15.9	16.5	17.6	18.8	20.0	ISO534
Moisture	%	± 1.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.5	7.5	7.5	ISO287
Stiffness Taber 15° MD	mN.m	- 15%	2.8	3.2	3.7	4.5	5.7	6.6	7.5	9.1	11.2	13.0	16.0	19.5	23.0	ISO2493
Stiffness Taber 15° MD	gm.cm		28.6	32.6	37.7	45.9	58.1	67.3	76.5	92.8	114.2	132.6	163.2	198.9	234.6	ISO2493
Stiffness Taber 15° CD	mN.m	- 15%	1.5	1.7	1.9	2.3	2.9	3.3	3.8	4.5	5.6	6.5	8.0	9.8	11.5	ISO2493
Stiffness Taber 15° CD	gm.cm		15.3	17.3	19.4	23.5	29.6	33.7	38.8	45.9	57.1	66.3	81.6	100.0	117.3	ISO2493
Top Cobb (60s)	g/m <sup>2</sup>	≤	30	30	30	30	30	30	30	30	30	30	30	30	30	ISO535
Top Cobb (60s)	lb/1000ft <sup>2</sup>		6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	ISO535
Back Cobb (60s)	g/m <sup>2</sup>	≤	30	30	30	30	30	30	30	30	30	30	30	30	30	ISO535
Back Cobb (60s)	lb/1000ft <sup>2</sup>		6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	ISO535
Top Brightness	%	± 2	81	81	81	81	81	81	81	81	81	81	81	81	81	ISO2470
Edge Wicking (water: 95°C 1 Hr)	kg/m <sup>2</sup>	≤	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	Internal Mill Standard
Scott Bond	J/m <sup>2</sup>	Min 150	190	190	190	190	180	180	180	180	180	180	180	180	180	TAPPI T569
Scott Bond	ft.lbf/in <sup>2</sup>		0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	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).

