Papermat Global trading LLC

TECHNICAL DATA SHEET

FBB Cupstock Hi-Bulk

Origin: Indonesia

160 – 340 g/m² | OBA-free | Top Brightness 81 %

PAPERMAT REF. **PM-FB-160/340-CS**



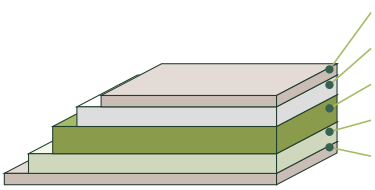
PRODUCT DESCRIPTION

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



Starch
Top layer (Bleached Chemical Pulp)
Middle layer (BCTMP)
Back layer (Bleached Chemical Pulp)
Starch

END-USE

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

Property	Unit	Tolerance	Value														Standard
Grammage	g/m²	± 3%	**160**	**170**	**180**	**190**	**210**	**220**	**230**	**250**	**260**	**270**	**280**	**300**	**320**	**340**	ISO536
Grammage	lb/3000ft²		98	104	111	117	129	135	141	154	160	166	172	184	197	209	ISO536
Thickness	µm	± 4%	240	255	270	285	315	330	345	375	390	405	420	450	480	510	ISO534
Thickness	pt		9.4	10.0	10.6	11.2	12.3	12.9	13.5	14.7	15.3	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	7.0	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	10.2	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	104.0	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	4.9	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	50.0	57.1	66.3	81.6	100.0	117.3	ISO2493
Top Cobb (60s)	g/m²	≤	30	30	30	30	30	30	30	30	30	30	30	30	30	30	ISO535
Top Cobb (60s)	lb/1000ft²		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	6.1	ISO535
Back Cobb (60s)	g/m²	≤	30	30	30	30	30	30	30	30	30	30	30	30	30	30	ISO535
Back Cobb (60s)	lb/1000ft²		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	6.1	ISO535
Top Brightness	%	± 2	81	81	81	81	81	81	81	81	81	81	81	81	81	81	ISO2470
Edge Wicking (water: 95°C 1 Hr)	kg/m²	≤	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	1.5	Internal Mill Standard
Scott Bond	J/m²	Min 150	190	190	190	190	180	180	180	180	180	180	180	180	180	180	TAPPI T569
Scott Bond	ft.lbf/in²		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	0.09	TAPPI T569

Remarks

1. All properties are tested according to ISO and TAPPI Standard.
2. 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).

Certifications: ISEGA · ISO 9001 (SGS) · ISO 45001 (SGS) · ISO 14001 (SGS) · SVLK Indonesia · PEFC