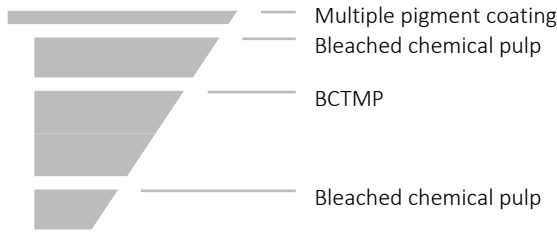


1 Board structure



	% of total	+/- in % of total
Virgin fibre	90	5
Pigment coating	10	5
Total	100	

2 Technical specifications

Grammage	Caliper	Stiffness				Bending Resistance		Moisture (absolute) %
		Taber 15° md	Taber 15° cd	L&W 5° md	L&W 5° cd	L&W 15° md	L&W 15° cd	
g/m ²	µm / pt	mNm	mNm	mNm	mNm	mN	mN	
180	305 / 12.0	6.5	3.0	11.4	4.4	135	62	7.8
190	325 / 12.8	8.3	3.9	15.0	6.2	172	81	7.8
200	350 / 13.8	10.3	5.0	18.9	8.4	212	104	8.0
210	375 / 14.8	12.4	5.9	23.2	10.2	256	122	8.0
225	400 / 15.7	14.4	7.2	27.2	12.8	298	149	8.0
235	425 / 16.7	16.4	8.2	31.2	14.8	339	170	8.0
245	450 / 17.7	18.6	9.3	35.6	17.0	385	193	8.0
260	480 / 18.9	22.0	11.0	42.4	20.4	455	228	8.5
270	500 / 19.7	24.6	12.3	47.6	23.0	509	255	8.5
290	550 / 21.7	30.5	15.5	59.4	29.4	632	321	8.7
310	600 / 23.6	36.4	18.5	71.3	35.4	754	383	9.0
340	650 / 25.6	45.0	22.0	88.4	42.4	932	455	9.0
360	695 / 27.4	52.0	27.0	102.4	52.4	1076	559	9.0
380	740 / 29.1	61.0	31.0	120.4	60.4	1263	642	9.0

Property	Value	Tolerances	Test standard
Brightness top (%)	87	+/- 2%-units	ISO 2470-2
Smoothness PPS top (µm)	1.2	max 1.6	ISO 8791-4
Gloss 75° (%)	45	> 30	ISO 8254-1
Ply Bond (J/m ²)	150	min 120	TAPPI T569
Cobb 180 sec. top (g/m ²)	50	< 70	ISO 535
Cobb 180 sec. reverse (g/m ²)	50	< 70	ISO 535
Grammage (g/m ²)		+/- 3%	ISO 536
Caliper (µm)		+/- 4%	ISO 534
Stiffness (mNm)		-15% ¹	ISO 2493
Moisture absolute (%)		+/- 1%-units	ISO 287
Testing climate	23°C 50%	+/- 1°C +/- 2% rh	ISO 187
Recyclability	confirmed	in terms of the norm	EN 13430
Biodegradability	confirmed	in terms of the norm	EN 13432

¹Permissible: -15% of the target stiffness. Tolerances are based on single measurements of random sheets and a 95% confidence level. The stiffness has to be measured at both sides. Taber figures are binding, L&W figures are indicative. All figures mentioned above may be subject to technical changes.



ALASKA STRONG is distinguished by excellent printability that is obtained thanks to the smooth surface and optical properties of the board. It is characterized by a very good material efficiency gained by high stiffness-to-weight-ratio and superior convertability. Its versatility and wide range offers a selection for a large variety of applications. It is ideally suited to various finishing techniques ensuring that graphic design stands out on any printing.

Brightness

Top

87 %

1 Features

- Excellent stiffness
- Great yield
- Very good printability
- [Optimum laser coding properties](#)
- [Optimum inkjet coding properties](#)

2 Applications*

- Dry Food
- Chilled Food (secondary packaging)
- Frozen Food
- Chocolate and Confectionery
- Pharma and Health Care
- Cosmetics and Personal Care
- Other Non-Foods

3 Mill Certificates

Downloadable certifications

Forest management

PEFC [32-31-049](#)

FSC® [C005528](#)

Environmental manag. [ISO 14001](#)

Food Safety [ISO 22000](#)

Quality management [ISO 9001](#)

Health & safety [ISO 45001](#)

4 Mill Information

MM Kotkamills (Finland) offers the following features:

- Europe's most modern virgin fibre cartonboard machine
- Specialized in virgin fibre qualities for food service/challenging applications
- Portfolio of light-weighted FBB including qualities with sustainable barrier boards against moisture and grease
- Innovative production team and professional technical support
- Located in Kotka next to the biggest export harbor of Finland

5 Storage Recommendation

Storage conditions	temperature	relative humidity
Favorable dust free, climatized	20-23°C	50-55%

Please store in undamaged original wrapping film.

6 Acclimatisation

Temperature difference Pallet to printing room 20°C	Time in printing room before unpacking in hours
5°C	10 11 12
10°C	20 22 24
15°C	30 34 35
20°C	40 46 50
Volume of pallet in m ³	0.7 1.0 1.4

Remove the packaging film just before printing. Optimum processing climate: 22-23°C, 50-52% rel. humidity.

*It is a general recommendation for enduse applications; legally binding are only the declaration of compliance and the sensory statement issued by MM Board & Paper for each individual type of cartonboard.

If you are interested in ALASKA STRONG or have any further questions, please contact