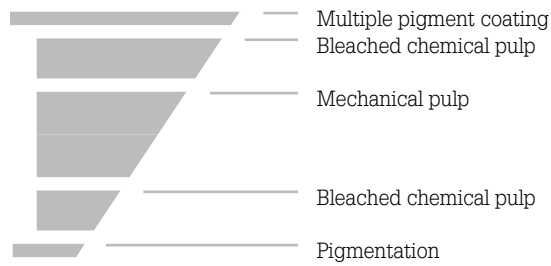


EXCELLENT TOP STRONG

1 Board structure



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

2 Technical specifications

Grammage	Caliper	Stiffness				
		L&W 5° md	L&W 5° cd	L&W 5°	Taber 15° md	Taber 15° cd
g/m ²	µm	mNm	mNm	$\sqrt{(\text{md} \times \text{cd})}$	mNm	mNm
215	350	21.7	9.0	14.0	12.6	5.0
225	390	27.6	11.7	18.0	16.1	6.7
250	450	36.4	15.8	24.0	19.0	8.3
275	500	47.0	20.4	31.0	24.9	10.4
300	550	57.0	25.3	38.0	29.4	12.4
325	600	69.7	31.7	47.0	36.4	15.4
350	650	84.5	38.4	57.0	42.1	17.5

Property	Value	Tolerances	Test standard
Brightness top (% Elrepho)	85	- 1	ISO 2470-2
Grammage (g/m²)		+/- 2%	EN ISO 536
Caliper (µm)		+/- 5%, > 350 g/m ² +/- 3%	EN 20534
Stiffness (mNm)		- 15% ¹	DIN 53121
Testing climate	23°C	+/- 1°C	EN ISO 186
	50%	+/- 2% rh	
Recyclability	confirmed	in terms of the norm	EN 13430
Biodegradability	confirmed	in terms of the norm	EN 13432

¹Permissible: -15% of the target stiffness. This applies to 100% of all measured single values. The single value is a calculated average of five measurements per sheet. The stiffness has to be measured at both sides. The resulting average value is then the stiffness of the single sample. L&W 5° figures are binding, Taber figures are indicative.

All figures mentioned above may be subject to technical changes.

EXCELLENT TOP STRONG

EXCTS / GC2 / Virgin Fibre Cartonboard

Code no. 12221

Mill

Baiersbronn Frischfaser Karton GmbH, Germany



Excellent Top Strong is light-weight with strong properties: Excellent Top Strong combines excellent stiffness with maximum converting efficiency, while maintaining the consistently high quality customers have come to expect and offering premium service from the German virgin fibre mill in Baiersbronn.

Brightness

Top

85 %

1 Features

- stiff and high yield
- excellent runnability for outstanding production efficiency
- conformity for direct food contact applications

2 Applications*

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

3 Mill Certificates

Downloadable certifications

Forest management

FSC® [TUVDC-COC-101193](#)

FSC® [TUVDC-CW-101193](#)

PEFC™ [DC-COC-001193](#)

Hygiene management [ISO 22000 \(incl. HACCP\)](#)

Quality management [ISO 9001](#)

Energy management [ISO 50001](#)

4 Mill Information

The mill Baiersbronn (Germany) offers the following features:

- benchmark for service and constant quality
- specialised in cartonboard qualities for challenging applications
- experienced, innovative production team and professional technical support
- strategically located to the Western and Eastern European markets
- short transportation routes and flexible service guaranteed

*It is a general recommendation for enduse applications; legally binding is only the declaration of compliance issued by EBG Group for each individual type of cartonboard.