

# EXCELLENT TOP STRONG



Code no. 12221

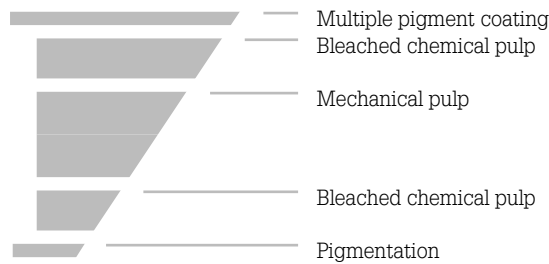
EXCTS / GC2

Mill

Baiersbronn Frischfaser Karton GmbH, Germany

Last update of values 29.12.2021

## 1 Board structure



|                        | % of total board | +/- in % of total |
|------------------------|------------------|-------------------|
| <b>Virgin fibre</b>    | 90               | 5                 |
| <b>Pigment coating</b> | 10               | 5                 |
| <b>Total</b>           | 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 <sup>2</sup> | 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 |
|-----------------------------------|-----------|---------------------------------------|---------------|
| <b>Brightness top (% Elrepho)</b> | 85        | - 1                                   | ISO 2470-2    |
| <b>Grammage (g/m<sup>2</sup>)</b> |           | +/- 2%                                | EN ISO 536    |
| <b>Caliper (µm)</b>               |           | +/- 5%, > 350 g/m <sup>2</sup> +/- 3% | EN 20534      |
| <b>Stiffness (mNm)</b>            |           | - 15% <sup>1</sup>                    | DIN 53121     |
| <b>Testing climate</b>            | 23°C      | +/- 1°C                               | EN ISO 186    |
|                                   | 50%       | +/- 2% rh                             |               |
| <b>Recyclability</b>              | confirmed | in terms of the norm                  | EN 13430      |
| <b>Biodegradability</b>           | confirmed | in terms of the norm                  | EN 13432      |

<sup>1</sup>Permissible: -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.