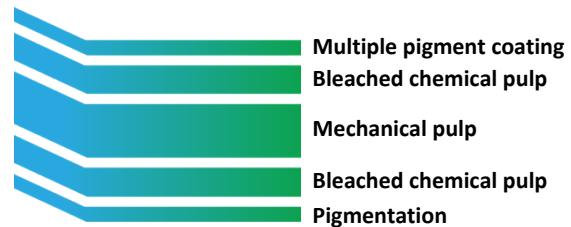


OPTT (PH 0.3) / GC1 code no. 11200
Technical specifications

| Grammage g/m ² | Caliper µm | Stiffness | | | |
|------------------------------|---------------|------------------|------------------|----------------------|---------------------|
| | | L&W 5° md mNm | L&W 5° cd mNm | L&W 5° v(md x cd) | Taber 15° md mNm |
| 230 | 345 | 20.9 | 8.7 | 13.5 | 12.6 |
| 250 | 385 | 26.8 | 11.4 | 17.5 | 15.6 |
| 275 | 440 | 34.9 | 15.2 | 23.0 | 18.2 |
| 300 | 490 | 44.7 | 19.5 | 29.5 | 23.7 |
| 325 | 540 | 55.5 | 24.7 | 37.0 | 28.3 |
| 350 | 590 | 65.3 | 29.7 | 44.0 | 33.7 |
| 375 | 640 | 77.1 | 35.1 | 52.0 | 39.7 |
| 400 | 690 | 90.9 | 42.3 | 62.0 | 44.9 |
| 425 | 740 | 107.2 | 51.1 | 74.0 | 51.7 |
| 450 | 790 | 124.6 | 59.3 | 86.0 | 59.8 |
| | | | | | 26.2 |

Tolerance and properties not related to grammage

| Property | Value | Tolerances | Test standard |
|--------------------------------|----------------------|--|---------------|
| Brightness top (% Elrepho) | 90 | - 1 | ISO 2470-2 |
| Brightness reverse (% Elrepho) | 84 | +/- 1 | ISO 2470-2 |
| Grammage (g/m ²) | | +/- 2% | EN ISO 536 |
| Caliper (µm) | | +/- 5%, > 350 g/m ² +/ - 3% | EN 20534 |
| Stiffness (mNm) | | - 15% | DIN 53121 |
| Stiff. L&W cd. (mNm) | | - 15% | DIN 53121 |
| Geometric Mean L&W (mNm) | | | DIN 53121 |
| Stiffness (mNm) | | - 15% | TAPPI T489 |
| Stiffn. taber cd. (mNm) | | - 15% | TAPPI T489 |
| Recyclability | in terms of the norm | | EN 13430 |
| Biodegradability | in terms of the norm | | EN 13432 |

Board structure


Virgin fibre 90% of total board (+/-5%)

Pigment coating 10% of total board (+/-5%)

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.

OPTT (PH 0.3) / GC1 code no. 11200

Optimus Top (PH 0.3) has optimum laser and inkjet coding properties and is subject to increased quality controls. Recommended quality for pharma packaging, which have a 2D matrix code as a unique identifier. With the Directive 2011/62/EU (Falsified Medicines Directive) 2D matrix codes are mandatory on each primary and secondary packaging of medicinal products since Q1 2019.

If you are interested in **OPTIMUS TOP** or have any further questions, please contact sales.baiersbronn@folbb.com

www.folbb.com

[General Terms of Trade](#)

This is a general recommendation. The cardboard should be checked for suitability before use.

Features

- optimum laser and inkjet coding properties
- increased quality controls
- ideal results for Braille embossing
- impressive brightness
- excellent printing properties
- German quality

Applications

- Pharma and Health Care

Mill Information

- 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

Certificates and statements

- ISO 9001
- ISO 22000 (incl. HACCP)
- ISO 50001
- FSC® (FSC® C170805)*
- PEFC (PEFC/04-31-3649)*
- HALAL
- Code of Conduct (CoC)
- EUTR - Timber Regulation No. 9952010 - (Declaration of origin)
- Food Safety Statement
- Law and Regulations Statement
- Chemical Statement
- Migration Statement (MOSH/MOAH)

Our products are also available with FSC® or PEFC certification on request.

More information about our products, including our certificates, are available on www.folbb.com