

OPTT (PH 0.3) / GC1 code no. 11200

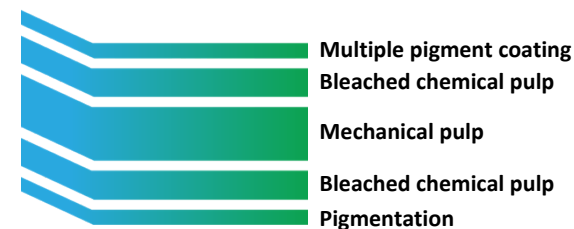
Technical specifications

Grammage	Caliper	Stiffness				
		L&W 5° md mNm	L&W 5° cd mNm	L&W 5° v(md x cd)	Taber 15° md mNm	Taber 15° cd mNm
g/m ²	µm					
230	345	20.9	8.7	13.5	12.6	4.9
250	385	26.8	11.4	17.5	15.6	6.3
275	440	34.9	15.2	23.0	18.2	7.9
300	490	44.7	19.5	29.5	23.7	9.9
325	540	55.5	24.7	37.0	28.3	11.7
350	590	65.3	29.7	44.0	33.7	14.2
375	640	77.1	35.1	52.0	39.7	16.8
400	690	90.9	42.3	62.0	44.9	19.1
425	740	107.2	51.1	74.0	51.7	23.1
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.

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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