

TENTATIVE

Technical data sheet | Metric

# CrownBoard Craft™



Fully coated top side  
Top: Bleached chemical pulp  
Middle: Unbleached CTMP with unbleached chemical pulp  
Bottom: Unbleached chemical pulp  
Uncoated reverse side

## Product description

CrownBoard Craft™ is all about quality and strength. Optimized strength/weight ratio makes it safe to lightweight without compromising on the packaging performance. The naturally brown reverse side opens up for additional design possibilities and the white fully-coated top side offers high quality printability. CrownBoard Craft is made out of 100% primary wood fibres. Produced in Sweden.

## Certification

Certified in accordance with ISO 9001, ISO 14001, ISO 50001, FSSC 22000. FSC CoC & PEFC CoC available. The products are produced in compliance with FDA and BfR packaging regulations.

| Property / Unit                         | Method         | Tolerance                            |             |             |             |             |             |             |             |             |             |             |
|---|----------------|--------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Basis weight g/m<sup>2</sup></b>     | <b>ISO 536</b> | <b>±4%</b>                           | <b>245</b>  | <b>265</b>  | <b>285</b>  | <b>300</b>  | <b>315</b>  | <b>330</b>  | <b>345</b>  | <b>375</b>  | <b>405</b>  | <b>460</b>  |
| <b>Caliper microns</b>                  | <b>ISO 534</b> | <b>±4%</b>                           | <b>365</b>  | <b>400</b>  | <b>430</b>  | <b>455</b>  | <b>480</b>  | <b>510</b>  | <b>535</b>  | <b>585</b>  | <b>630</b>  | <b>745</b>  |
| <b>Caliper points</b>                   |                | <b>±4%</b>                           | <b>14.4</b> | <b>15.7</b> | <b>16.9</b> | <b>17.9</b> | <b>18.9</b> | <b>20.1</b> | <b>21.1</b> | <b>23.0</b> | <b>24.8</b> | <b>29.3</b> |
| Bending resistance, L&W 15° MD mN       | ISO 2493       | -20%                                 | 323         | 395         | 470         | 555         | 675         | 805         | 950         | 1185        | 1400        | 1850        |
| Bending resistance, L&W 15° CD mN       | ISO 2493       | -20%                                 | 143         | 178         | 218         | 260         | 320         | 390         | 460         | 575         | 680         | 980         |
| Internal bond strenght J/m <sup>2</sup> | T569           | min 90                               | 150         | 150         | 150         | 150         | 150         | 150         | 150         | 150         | 150         | 150         |
| Tearing resistance GM mN                | ISO 1974       |                                      | 4000        | 4500        | 5200        | 5800        | 6300        | 7200        | 8000        | 9100        | 10200       | 12000       |
| CIE Whiteness TS %                      | ISO 11475      | min 89                               | 93          | 93          | 93          | 93          | 93          | 93          | 93          | 93          | 93          | 93          |
| Roughness, PPS-10 TS microns            | ISO 8791-4     | max 2.8                              | 1.7         | 1.7         | 1.7         | 1.7         | 1.7         | 1.7         | 1.7         | 1.7         | 1.7         | 1.7         |
| Roughness, Bendtsen TS ml/min           | ISO 8791-2     | max 300                              | 120         | 120         | 120         | 120         | 120         | 120         | 120         | 120         | 120         | 120         |
| Roughness, Bendtsen RS ml/min           | ISO 8791-2     | max 1500*, 1600**, 1700***, 1800**** | 1000        | 1000        | 1000        | 1100        | 1100        | 1200        | 1200        | 1200        | 1300        | 1300        |
| Cobb 60" TS g/m <sup>2</sup>            | ISO 535        |                                      | 35          | 35          | 35          | 35          | 35          | 35          | 35          | 35          | 35          | 35          |
| Cobb 60" RS g/m <sup>2</sup>            | ISO 535        |                                      | 35          | 35          | 35          | 35          | 35          | 35          | 35          | 35          | 35          | 35          |
| Moisture content %                      | ISO 287        |                                      | 7.6         | 7.7         | 7.8         | 7.9         | 8.0         | 8.1         | 8.2         | 8.4         | 8.5         | 8.5         |

\*) For 245 - 285 g/m<sup>2</sup>, \*\*) for 300-315 g/m<sup>2</sup>, \*\*\*) for 330-375 g/m<sup>2</sup>, \*\*\*\*) for 405-460-g/m<sup>2</sup>

- Issued on the 5th of June, 2019. Reviewed on the 6th of September 2019.
- This specification might be revised, if considerable changes in the production conditions are necessary, or customer demands so require.
- Testing climate 23°C, 50% RH.
- Min/max property values are lower resp. upper limit values for 95% confidence interval of the tested properties and are based on measurements on tambour basis.
- During the converting process, especially the bending stiffness values might be influenced negatively.

