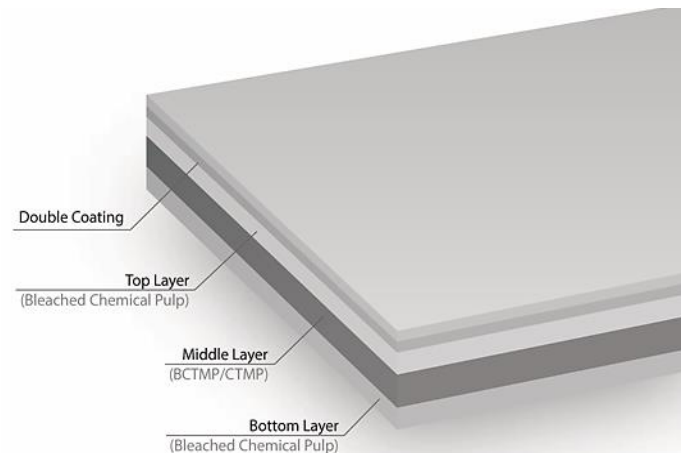


# ALASKA PLUS

## COATED FOLDING BOXBOARD GC2



### Technical Specification:

| Property (Unit)  | Tolerance            | Value  |      |      |      |      |      |      |      |      |      | Standard          |
|--|----------------------|--------|------|------|------|------|------|------|------|------|------|-------------------|
| Basis Weight (g/m <sup>2</sup> )                               | +/- 4%               | 190    | 205  | 220  | 235  | 245  | 255  | 270  | 280  | 305  | 330  | ISO 536           |
| Thickness (µm)   | +/- 4%<br>max. 20 µm | 320    | 350  | 385  | 425  | 440  | 470  | 500  | 520  | 570  | 620  | ISO 534           |
| Stiffness DIN 53 121 (5°) MD (mNm)                             | +/- 15%              | 13.9   | 18.2 | 22.7 | 28.7 | 32.2 | 37.0 | 44.0 | 48.8 | 63.1 | 80.9 | ISO 2493          |
| Stiffness DIN 53 121 (5°) CD (mNm)                             |                      | 7.0    | 9.2  | 11.3 | 14.0 | 15.3 | 18.3 | 20.9 | 23.5 | 29.2 | 35.6 |                   |
| Stiffness Taber (15°) MD (mNm)                                 |                      | 7.7    | 10.1 | 12.5 | 16.0 | 17.8 | 20.5 | 24.3 | 27.0 | 35.0 | 44.9 |                   |
| Stiffness Taber (15°) CD (mNm)                                 |                      | 3.9    | 5.1  | 6.2  | 7.7  | 8.5  | 10.2 | 11.6 | 13.1 | 16.1 | 19.8 |                   |
| Stiffness L&W (15°) MD (mN)                                    |                      | 160    | 210  | 260  | 330  | 370  | 425  | 505  | 560  | 725  | 930  |                   |
| Stiffness L&W (15°) CD (mN)                                    |                      | 80     | 105  | 130  | 160  | 175  | 210  | 240  | 270  | 335  | 410  |                   |
| Moisture Content (%)   | +/- 1.0              | 7.8    | 7.8  | 7.8  | 8.0  | 8.0  | 8.0  | 8.2  | 8.2  | 8.4  | 8.4  | ISO 287           |
| Brightness Top with UV D65 (%)                                 | +/- 1.0              | 91     |      |      |      |      |      |      |      |      |      | ISO 2470-2        |
| Brightness Bottom with UV D65 (%)                              |                      | > 70   |      |      |      |      |      |      |      |      |      |                   |
| Gloss 75° Gardner (%)  |                      | > 40   |      |      |      |      |      |      |      |      |      | TAPPI 480 om - 15 |
| Roughness PPS S10 (µm)   |                      | < 1.3  |      |      |      |      |      |      |      |      |      | ISO 8791-4        |
| Internal Bond Strength Scott (J/m <sup>2</sup> )               |                      | > 100  |      |      |      |      |      |      |      |      |      | TAPPI 569 om - 14 |
| Surface Strength (medium viscosity IGT oil) (m/s)              |                      | > 1.00 |      |      |      |      |      |      |      |      |      | ISO 3783          |
| Water Absorption Top COBB <sub>60</sub> (g/m <sup>2</sup> )    |                      | < 55   |      |      |      |      |      |      |      |      |      | ISO 535           |
| Water Absorption Bottom COBB <sub>60</sub> (g/m <sup>2</sup> ) |                      | < 70   |      |      |      |      |      |      |      |      |      |                   |

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