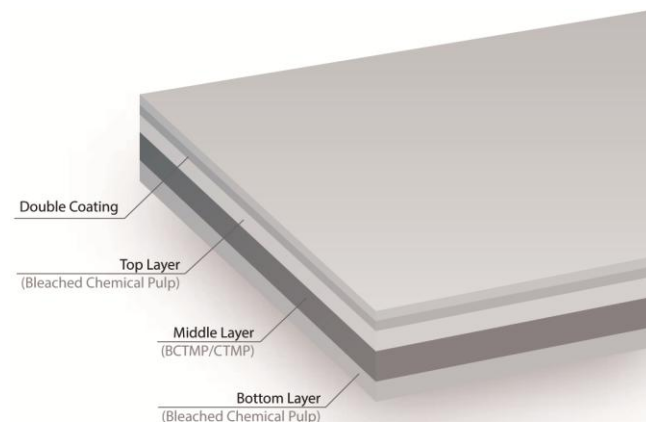


ALASKA PLUS

COATED FOLDING BOXBOARD GC2



Technical specifications:

| Property (Unit) | Tolerance | Value | | | | | | | | | Standard |
|----------------------------------------------------------------|----------------------|--------|------|------|------|------|------|------|------|------|-------------------|
| Basis Weight (g/m ²) | +/- 4% | 190 | 205 | 220 | 235 | 255 | 270 | 280 | 305 | 330 | ISO 536 |
| Thickness (µm) | +/- 4% max. 20 µm | 320 | 350 | 385 | 425 | 470 | 500 | 520 | 570 | 620 | ISO 534 |
| Stiffness DIN 53 121 (5°) MD (mNm) | +/- 15% | 13.9 | 18.2 | 22.7 | 28.7 | 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 | 18.3 | 20.9 | 23.5 | 29.2 | 35.6 | |
| Stiffness Taber (15°) MD (mNm) | | 7.7 | 10.1 | 12.5 | 16.0 | 20.5 | 24.3 | 27.0 | 35.0 | 44.9 | |
| Stiffness Taber (15°) CD (mNm) | | 3.9 | 5.1 | 6.2 | 7.7 | 10.2 | 11.6 | 13.1 | 16.1 | 19.8 | |
| Stiffness L&W (15°) MD (mN) | | 160 | 210 | 260 | 330 | 425 | 505 | 560 | 725 | 930 | |
| Stiffness L&W (15°) CD (mN) | 80 | 105 | 130 | 160 | 210 | 240 | 270 | 335 | 410 | | |
| Moisture Content (%) | +/- 1.0 | 7.5 | 7.5 | 7.5 | 7.5 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 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 - 99 |
| Roughness PPS S10 (µm) | | < 1.3 | | | | | | | | | ISO 8791-4 |
| Internal Bond Strength Scott (J/m ²) | | > 100 | | | | | | | | | TAPPI 569 pm - 00 |
| Surface Strength (medium viscosity IGT oil) (m/s) | | > 1.00 | | | | | | | | | ISO 3783 |
| Water Absorption Top COBB ₆₀ (g/m ²) | | < 55 | | | | | | | | | EN 20535 |
| Water Absorption Bottom COBB ₆₀ (g/m ²) | | < 70 | | | | | | | | | |

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