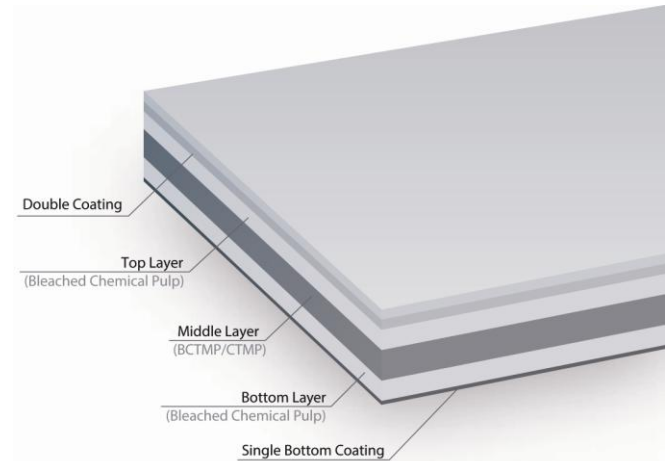


ARKTIKA

COATED FOLDING BOXBOARD GC1



Specifications:

| Property (Unit) | Tolerance | Value | | | | | | | | Standard |
|--|----------------------|-------|------|------|------|------|------|------|------|--------------------|
| Basis Weight (g/m ²) | +/- 4% | 200 | 215 | 230 | 250 | 275 | 300 | 325 | 350 | PN-ISO 536:1996 |
| Thickness (µm) | +/- 4% max. 20 µm | 282 | 308 | 336 | 378 | 428 | 474 | 520 | 568 | PN-EN 20534:2005 |
| Stiffness DIN 53 121 (5°) MD (mNm) | +/- 15% | 11.8 | 15.7 | 19.1 | 26.1 | 35.7 | 46.1 | 58.3 | 76.6 | PN-ISO 2493:1995 |
| Stiffness DIN 53 121 (5°) CD (mNm) | | 5.9 | 7.8 | 9.6 | 12.6 | 17.4 | 21.8 | 27.4 | 34.8 | |
| Stiffness Taber (15°) MD (mNm) | | 6.6 | 8.7 | 10.6 | 14.5 | 19.8 | 25.6 | 32.4 | 42.5 | |
| Stiffness Taber (15°) CD (mNm) | | 3.3 | 4.3 | 5.3 | 7.0 | 9.7 | 12.1 | 15.2 | 19.3 | |
| Stiffness L&W (15°) MD (mN) | | 136 | 180 | 220 | 300 | 410 | 530 | 670 | 880 | |
| Stiffness L&W (15°) CD (mN) | | 68 | 90 | 110 | 145 | 200 | 250 | 315 | 400 | |
| Moisture Content (%) | +/- 1.0 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.5 | 7.5 | 7.5 | *PN-ISO 287:2009 |
| Brightness Top with UV D65 (%) | +/- 1.0 | 92 | | | | | | | | ISO 2470-2:2008 |
| Brightness Bottom with UV D65 (%) | +/- 1.0 | 91 | | | | | | | | |
| Gloss 75° Gardner (%) | | > 45 | | | | | | | | TAPPI 480 om - 99 |
| Roughness PPS S10 (µm) | | < 1.3 | | | | | | | | PN-ISO 8791-4:1997 |
| Internal Bond Strength Scott (J/m ²) | | > 110 | | | | | | | | TAPPI 833 pm - 94 |
| Surface Strength (medium viscosity IGT oil) (m/s) | | > 1.0 | | | | | | | | ISO 3783:2006 |
| Water Absorption Top COBB ₆₆ (g/m ²) | | < 55 | | | | | | | | PN-E 20535:1996 |
| Water Absorption Bottom COBB ₆₆ (g/m ²) | | < 60 | | | | | | | | |

*Computerized measurement and adjustment. Calibration of measuring heads and parameter control according to standard.

Issued on 1st November 2012

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