

Product sheet

Avanta Prima

PRODUCT DESCRIPTION

Fully coated folding boxboard, GC2

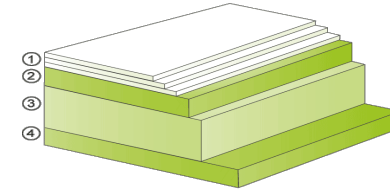
MAIN END USES

Beautycare, Healthcare, Foods & Beverages

FEATURES

Printing methods Sheet-fed offset, Gravure, Flexo
Mill Metsä Board Kyro

STRUCTURE



- 1) Triple coating
- 2) Bleached chemical pulp
- 3) Bleached chemi-thermo-mechanical pulp (BCTMP)
- 4) Bleached chemical pulp

TECHNICAL INFORMATION

| PROPERTY, UNIT | METHOD | STANDARD | TOLERANCE | VALUES | | | | | | | | | |
|---------------------------|-------------------------------|-------------|-----------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Grammage g/m ² | | ISO 536 | ± 2% | 205 | 215 | 225 | 240 | 250 | 265 | 285 | 310 | 330 | 355 |
| Bending stiffness CD mNm | Taber 15° | ISO 2493 | ± 15% | 5.1 | 6.0 | 7.0 | 7.9 | 9.1 | 10.9 | 13.7 | 17.0 | 19.5 | 23.7 |
| Bending stiffness MD mNm | Taber 15° | ISO 2493 | ± 15% | 9.7 | 11.4 | 13.3 | 15.4 | 16.9 | 20.4 | 26.2 | 32.0 | 38.0 | 47.0 |
| Thickness mm | | ISO 534 | ± 3% | 0.325 | 0.350 | 0.375 | 0.400 | 0.425 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 |
| Moisture content % | | ISO 287 | ± 1.0 | 7.5 | 7.5 | 7.5 | 8.0 | 8.0 | 8.5 | 8.5 | 9.0 | 9.0 | 9.0 |
| Smoothness top µm | PPS10 | ISO 8791-4 | max 1.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Brightness top % | Illumination C/2° | ISO 2470-1 | ± 1 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 |
| Brightness back % | Illumination C/2° | ISO 2470-1 | ± 2 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 |
| Colour CIELAB L* top | Illumination C/2° | ISO 5631-1 | ± 1.0 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| Colour CIELAB a* top | Illumination C/2° | ISO 5631-1 | ± 0.5 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| Colour CIELAB b* top | Illumination C/2° | ISO 5631-1 | ± 1.0 | -1.5 | -1.5 | -1.5 | -1.5 | -1.5 | -1.5 | -1.5 | -1.5 | -1.5 | -1.5 |
| Gloss % | Hunter 75° | TAPPI T 480 | ± 5 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| Robinson test | 12 months in original package | EN 1230-2 | | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |

Tolerances, when specified, are based on 95% confidence limits on single mill measurements of random samples measured in manufacturing conditions.

Metsä Board Paperboard mills have PEFC chain of custody, FSC chain of custody and FSC controlled wood certificates.

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