

## ConFlex Glaze

### WHITE MG KRAFT PAPER

Production Unit: Skärblacka and Gruvön

#### End uses

ConFlex Glaze is a strong paper with a glossy, smooth surface. It is designed for extrusion coating, lamination and flexography printing and is used mainly in Flexible Packaging and Wrappings.

#### Grammages

35 - 110 gsm

#### Materials

ConFlex Glaze is produced from pure bleached pulp and consists entirely of primary fibers. These fibers are from slow growing Scandinavian forest, which gives the paper its inherent strength.

#### Printing method

Flexography

#### Approvals

ConFlex Glaze is produced in compliance with BfR and FDA food packaging norms.

#### Certification

ConFlex Glaze is produced at BillerudKorsnäs Skärblacka and BillerudKorsnäs Gruvön, which are certified in accordance with ISO 9001, ISO 14001 and ISO 50001. BillerudKorsnäs Gruvön is also certified in accordance with ISO 22000 and BillerudKorsnäs Skärblacka is certified in accordance with FSSC 22000. ConFlex Glaze is certified as compostable in accordance with ISO 18606:2013 and EN 13432 (09-2000).

| Property          | Unit             |    |     |     |      |     |     |     |     |      |      | Method     |
|-------------------|------------------|----|-----|-----|------|-----|-----|-----|-----|------|------|------------|
| Grammage          | g/m <sup>2</sup> |    | 35  | 40  | 50   | 60  | 70  | 80  | 90  | 100  | 110  | ISO 536    |
| Caliper           | µm               |    | 50  | 55  | 67   | 78  | 90  | 102 | 114 | 127  | 137  | ISO 534    |
| Tensile strength  | kN/m             | MD | 3.3 | 3.8 | 4.7  | 6.0 | 6.9 | 7.9 | 8.9 | 9.7  | 10.9 | ISO 1924-3 |
|                   | kN/m             | CD | 1.9 | 2.2 | 2.7  | 3.2 | 3.7 | 4.2 | 4.6 | 4.9  | 5.5  |            |
| Tear strength     | mN               | MD | 210 | 260 | 360  | 470 | 550 | 660 | 790 | 950  | 1050 | ISO 1974   |
|                   | mN               | CD | 220 | 270 | 400  | 540 | 630 | 770 | 920 | 1090 | 1260 |            |
| Burst Strength    | kPa              |    | 120 | 140 | 185  | 240 | 290 | 330 | 360 | 400  | 450  | ISO 2758   |
| Air resistance    | s                |    | 30  | 30  | 30   | 30  | 30  | 30  | 30  | 30   | 30   | ISO 5636-5 |
| Cobb 60s          | g/m <sup>2</sup> | MG | 26  | 26  | 26   | 27  | 27  | 27  | 27  | 27   | 27   | ISO 535    |
| Surface roughness | ml/min           | MG | 70  | 70  | 80   | 110 | 120 | 130 | 140 | 160  | 190  | ISO 8791-2 |
|                   |                  | RS | 400 | 450 | 550  | 640 | 690 | 780 | 890 | 930  | 980  |            |
| Opacity           | %                |    | 57  | 61  | 67.5 | 78  | 82  | 85  | 88  | 89   | 91   | ISO 2471   |
| ISO Brightness    | %                |    | 83  | 83  | 83   | 80  | 80  | 80  | 80  | 80   | 80   | ISO 2470   |
| Moisture          | %                |    | 5.7 | 5.7 | 5.7  | 5.5 | 5.5 | 5.5 | 5.5 | 6.0  | 6.0  | Online QCS |

MD = Machine Direction

CD = Cross Direction

MG = MG-side/RS = Reverse side

Test climate: 50% RH, 23C

The table shows typical values