



### QuickFill® Brown Xcel

#### BROWN SACK KRAFT PAPER

Production Unit: Skärblacka

#### End uses

QuickFill® Brown Xcel is particularly suitable for end-uses involving fast filling of valve sacks with powdered goods. High porosity means that the sacks do not normally need to be perforated. QuickFill® Brown Xcel is approved for sacks in accordance with the German norm for dangerous goods.

#### Grammages

70-90 g/m<sup>2</sup>

#### Approvals

QuickFill® Brown Xcel is produced in compliance with FDA and BfR food packaging norms.

#### Certification

Skärblacka mill is certified in accordance with ISO 9001, ISO 14001 and ISO 50001.

#### Materials

QuickFill® Brown Xcel is produced from pure, unbleached kraft pulp and consists entirely of virgin fibres. The long and strong fibres, from Nordic slowly growing softwood forests, give the paper its inherent strength.

| Property               | Unit                |    | Typical values |      |      |      | Method     |
|------------------------|---------------------|----|----------------|------|------|------|------------|
| Grammage               | g/m <sup>2</sup>    |    | 70             | 80   | 85   | 90   | ISO 536    |
| Tensile strength       | kN/m                | MD | 5.6            | 6.4  | 6.8  | 7.2  | ISO 1924-3 |
|                        | kN/m                | CD | 5.3            | 6.0  | 6.4  | 6.8  |            |
| Tensile index          | Nm/g                | MD | 80             | 80   | 80   | 80   | ISO 1924-3 |
|                        | Nm/g                | CD | 75             | 75   | 75   | 75   |            |
| Stretch                | %                   | MD | 7.0            | 7.5  | 7.5  | 7.5  | ISO 1924-3 |
|                        | %                   | CD | 8.0            | 8.0  | 8.0  | 8.0  |            |
| TEA                    | J/m <sup>2</sup>    | MD | 238            | 272  | 289  | 306  | ISO 1924-3 |
|                        | J/m <sup>2</sup>    | CD | 250            | 280  | 297  | 315  |            |
| TEA Index              | J/g                 | MD | 3.4            | 3.4  | 3.4  | 3.4  | ISO 1924-3 |
|                        | J/g                 | CD | 3.6            | 3.6  | 3.6  | 3.6  |            |
| TEA index geometric    | J/g                 |    | 3.5            | 3.5  | 3.5  | 3.5  |            |
| Tear strength          | mN                  | MD | 910            | 1120 | 1190 | 1260 | ISO 1974   |
|                        | mN                  | CD | 910            | 1120 | 1190 | 1260 |            |
| Tear index             | mNm <sup>2</sup> /g | MD | 13             | 14   | 14   | 14   | ISO 1974   |
|                        | mNm <sup>2</sup> /g | CD | 13             | 14   | 14   | 14   |            |
| Cobb 60s               | g/m <sup>2</sup>    | WS | 28             | 28   | 28   | 28   | ISO 535    |
| Air resistance         | s                   |    | 5              | 5    | 5    | 5    | ISO 5636-5 |
| Friction coeff. Static |                     |    | 0.65           | 0.65 | 0.65 | 0.65 | ISO 15359  |
| Moisture               | %                   |    | 7.0            | 7.0  | 7.0  | 7.0  | ISO 287    |

MD = Machine Direction  
CD = Cross Direction

WS = Wire Side

Test climate: 50% RH, 23°C