

Technical Data Sheet Advantage Stabil

End-uses:

Advantage Stabil is an unbleached, extensible, high porosity, high friction sack kraft paper. Advantage Stabil has specifically been developed for dusty and air-containing filling goods, and high filling speeds. Its special surface structure achieves outstanding runnability and high slip resistance. Advantage Stabil is recommended for use as the outer ply without perforation. This will reduce the dust level and has proven most effective in enhancing slip resistance, thus giving the filled sacks high stability when they are stacked. Advantage Stabil meets the demands of the modern sack industry:

High strength values, high slip resistance, outstanding runnability, and high porosity.

Grammages:

Advantage Stabil is available in a basis weight range of 70 to 90 g/m².

Materials:

Advantage Stabil is made of pure unbleached long-fibre sulphate pulp.

Approvals:

The paper fulfils the German, CONEG and FDA regulations for papers in contact with foodstuffs.

Certification:

Production of Advantage Stabil is certified according to the quality management system ISO 9001 and the environmental management system ISO 14001.

| Properties | | Test method | | Typical values | | |
|---|----------------------|-------------|--|----------------|------|------|
| | | | | | | |
| Basis weight | g/m ² | ISO 536 | | 70 | 80 | 90 |
| Tensile strength | kN/m | ISO 1924-3 | MD | 5.7 | 6.5 | 7.3 |
| | | | CD | 4.4 | 5.0 | 5.7 |
| Tensile index | Nm/g | ISO 1924-3 | MD | 81 | 81 | 81 |
| | | | CD | 63 | 63 | 63 |
| Stretch at break | % | ISO 1924-3 | MD | 7.0 | 7.0 | 7.5 |
| | | | CD | 8.7 | 8.7 | 8.7 |
| Tensile Energy Absorption (TEA) | J/m ² | ISO 1924-3 | MD | 215 | 245 | 275 |
| | | | CD | 245 | 280 | 315 |
| TEA index | J/g | ISO 1924-3 | MD | 3.1 | 3.1 | 3.1 |
| | | | CD | 3.5 | 3.5 | 3.5 |
| Tear index | mN.m ² /g | ISO 1974 | MD | 12.0 | 12.5 | 13.0 |
| | | | CD | 14.0 | 14.5 | 15.0 |
| Air resistance | s | ISO 5636-5 | | 5 | 5 | 5 |
| Cobb 60" | g/m ² | ISO 535 | | 32 | 32 | 32 |
| Friction coefficient | | | | 0.7 | 0.7 | 0.7 |
| The table above shows typical values for certain basis weights. | | | | | | |
| Validity: 01.01.2019 – 31.12.2019 | | | Test conditions: ISO 554 – 1976 (23 ± 1 °C / 50 ± 2 %) | | | |

MD= Machine Direction CD= Cross Direction