

Technical Specification

iamKraft® MG paper is a strong kraft paper with a glossy smooth printing side and a rough inside.

Typical end use:

Consumer bags, Wrapping, PE- coating and laminating, Foaming, Bitumen base

iamKraft FlexaPlain®

Unbleached MG kraft paper, GS520



| Properties | Unit | ISO no. | Grammage (g/m2) | Properties (Unit) | Value |
|---------------------------------|----------|---------|-----------------|--------------------------------|-------|
| | | | 60 | | |
| Density | kg/m3 | 534 | 710 | Thickness (µm) | 85 |
| Tensile index MD | Nm/g | 1924-3 | 118 | Tensile strength MD (kN/m) | 7,1 |
| Tensile index CD | Nm/g | 1924-3 | 59 | Tensile strength CD (kN/m) | 3,5 |
| Tensile index mean | Nm/g | 1924-3 | 89 | Tensile strength mean (kN/m) | 5,3 |
| Tensile strength quota | Nm/g | 1924-3 | 2,0 | | |
| Elongation MD | % | 1924-3 | 1,7 | | |
| Elongation CD | % | 1924-3 | 2,8 | | |
| Burst index | kN/g | 2758 | 5,0 | Burst strength (kPa) | 300 |
| Tear index MD | mNm2/g | 1974 | 8,5 | Tear strength MD (mN) | 510 |
| Tear index CD | mNm2/g | 1974 | 10,0 | Tear strength CD (mN) | 600 |
| Air permeans (Gurley) | s/100 ml | 5636-5 | 45 | | |
| Waterabs. Cobb reverse side | g/m2 | 535 | 23 | | |
| Waterabs. Cobb MG-side | g/m2 | 535 | 24 | | |
| Moisture | % | | 7,9 | | |
| Bendtsen roughness reverse side | ml/min | 8791-2 | 1200 | | |
| Bendtsen roughness MG-side | ml/min | 8791-2 | 400 | | |
| | | | | | |

MD= Machine Direction, CD= Cross Direction

Test climate: 50% RH, 23°C

Data above are typical values

iamKraft® MG paper is produced with surface weights in steps of 5 g/m2. Other grammages can be produced on request.

Materials:

iamKraft® MG papers are produced from 100 percent virgin fibers from our own unbleached kraft pulp. The wood comes from controlled and sustainably managed forests in Scandinavia. The slow growth makes the wood fibers long and strong, which enables us to produce one of the strongest kraft paper in the world.

Approvals:

iamKraft® MG Kraft Papers are approved for food contact in compliance with BfR and FDA and fulfills the standard for compostable and biodegradable packaging - EN 13432. It can also be recycled with carton-board, into new packaging products.

Certifications:

Nordic Paper is certified in accordance with ISO 9001, FSC and PEFC and can, upon request, deliver FSC or PEFC certified paper.

Issue Date 2019-09-27
Valid until 2022-09-27

This specification is valid until date above or until the client receives a new TS.