

## Technical specification

iamKraft® MF-paper is a strong and clean kraft paper with good equal-sidedness and a supreme runability on modern converting lines.

### Typical end use:

Carrier bag handles

## iamKraft Semira®

### Unbleached MF kraft paper, SE720

Semi extensible, 18s



Properties	Unit	ISO no.	Grammage range (g/m <sup>2</sup> )		
			60 - 79	80 - 100	101 - 120
Density	kg/m <sup>3</sup>	534	680	700	720
Tensile index MD	Nm/g	1924-3	88	90	93
Tensile index CD	Nm/g	1924-3	66	68	72
Tensile index mean	Nm/g	1924-3	77	79	83
Tensile strength quota	MD/CD	1924-3	1,3	1,3	1,3
Elongation MD	%	1924-3	6,0	6,0	6,0
Elongation CD	%	1924-3	8,2	7,4	6,4
TEA index MD	J/g	1924-3	2,9	3,0	3,1
TEA index CD	J/g	1924-3	3,3	3,1	2,8
TEA index mean	J/g	1924-3	3,1	3,1	3,0
Tear index MD	mNm <sup>2</sup> /g	1974	12,0	12,0	11,0
Tear index CD	mNm <sup>2</sup> /g	1974	13,0	12,0	12,0
Air resistance (Gurley)	s/100 ml	5636-5	18	18	18
Waterabs. Cobb top-side	g/m <sup>2</sup>	535	31	31	31
Moisture	%		7,8	7,8	7,8
Wet strength	%	1924-3	0	0	0

MD= Machine Direction, CD= Cross Direction

Test climate: 50% RH, 23°C

Data above are typical values

iamKraft® sack and MF is produced with surface weights in steps of 5 g/m<sup>2</sup>. Other grammages can be produced on request.

### Materials:

iamKraft® sack and MF 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® sack and MF 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: 2019-09-11

Valid until: 2022-09-11

This specification is valid until date above

or until the client receives a new TS.