

Axello Kraft

WHITE MF KRAFT PAPER

Production Unit: Gruvön

End uses

Axello Kraft is used for packaging of sugar, flour, grains and other dry food. The high purity makes it suitable for food packaging.

Grammages

75-130 g/m²

Materials

Axello Kraft is produced from pure, bleached kraft pulp and consists entirely of virgin fibres. It is a two layer construction which combines an excellent printability with high strength.

100% Sustainable

Renewable, recyclable, compostable and biodegradable.

Approvals: Axello Kraft is produced in compliance with BfR and FDA food packaging norms and meets the requirements in EN13432 for biodegradability.

Certification

The Gruvön mill is certified in accordance with ISO 9001, ISO 14001 and ISO 22000. Axello Kraft is available as FSC® (FSC-C108771) or PEFC™ (PEFC/05-33-135) certified material.

Packaging Performance

Packages* (1 kg) using Axello Kraft 80 g/m2 have a drop test height** of 1.4 m.

* Produced and filled with fine white sugar at Bosch PME 406 I.

** Butt drop testing (ISO 7965/1) of 50 bags using the progressive height method cc0.7 + (n-1) x 0.1 m.

Property	Unit								Method
Grammage	g/m ²		80	90	100	110	120	130	ISO 536
Thickness	µm		100	111	123	135	147	158	ISO 534
Tensile strength	kN/m	MD	9.6	10.8	12.0	13.2	14.4	15.6	ISO 1924-3
	kN/m	CD	5.3	5.9	6.6	7.2	7.9	8.5	
Stretch	%	MD	2.3	2.4	2.5	2.6	2.6	2.6	ISO 1924-3
	%	CD	6.5	6.4	6.3	6.2	6.1	6.0	
TEA	J/m ²	MD	130	160	190	220	250	280	ISO 1924-3
	J/m ²	CD	220	245	270	295	320	340	
Tear strength	mN	MD	950	1085	1220	1380	1530	1830	ISO 1974
	mN	CD	1000	1150	1370	1600	1800	2100	
Burst strength	kPa		420	490	560	630	700	780	ISO 2758
Bending resistance	mN	MD	125	155	200	250	330	415	ISO 2493
	mN	CD	65	75	100	150	200	250	
Roughness	ml/min	PS	290	330	350	380	400	430	ISO 8791-2
Air resistance	s		70	70	70	70	70	70	ISO 5636-5
Friction angle	Degrees		32	32	32	32	32	32	TAPPI T815
Brightness	%		81	81	81	81	81	81	ISO 2470
Whiteness			76	76	76	76	76	76	ISO 11475
Opacity	%		79	82	84	86	88	89	ISO 2471
Cobb 60s	g/m2	PS	25	25	25	25	25	25	ISO 535
Moisture	%		7.0	7.0	7.0	7.0	7.0	7.0	ISO 287

MD = Machine Direction
The table shows typical values

CD = Cross Direction

Top side/WS = Wire Side

Test climate: 50% RH, 23C

Rev 2017-01