

Date: January 20 2017

Axello Natural White

WHITE UNGLAZED KRAFT PAPER

Production Unit: Pietarsaari

End uses

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

Grammages

60-100 g/m²

Materials

Axello Natural White is produced from pure, white kraft pulp and consists entirely of virgin fibres. The long and strong fibres, from the Nordic slowly growing softwood forests, give the paper its inherent strength and rigidity.

Approvals

Axello Natural White is produced in compliance with BfR and FDA food packaging norms.

Certification

Pietarsaari mill is certified in accordance with ISO 9001, ISO 14001, OHSAS 18001 and FSC 22000. Axello Natural White is available as FSC® Certified paper (FSC-C113010) or PEFC™ (PEFC/02-31-216) certified material.

Property	Unit								Method
Grammage	g/m ²		60	70	75	80	90	100	ISO 536
Thickness	µm		95	105	112	118	131	145	ISO 534
Tensile strength	kN/m	MD	6.4	7.5	8.0	8.6	9.6	10.7	ISO 1924-3
	kN/m	CD	3.5	4.1	4.4	4.6	5.2	5.8	
Tensile index	Nm/g	MD	107	107	107	107	107	107	ISO 1924-3
	Nm/g	CD	58	58	58	58	58	58	
Stretch	%	MD	2.0	2.2	2.2	2.3	2.4	2.4	ISO 1924-3
	%	CD	7.5	7.5	7.5	7.5	7.0	7.0	
TEA	J/m ²	MD	80	105	110	120	145	170	ISO 1924-3
	J/m ²	CD	180	210	225	240	270	300	
TEA Index	J/g	MD	1.3	1.5	1.5	1.5	1.6	1.7	ISO 1924-3
	J/g	CD	2.8	3.0	3.0	3.0	3.0	3.0	
Tear strength	mN	MD	660	840	940	1040	1170	1350	ISO 1974
	mN	CD	660	840	970	1080	1260	1400	
Tear index	mNm ² /g	MD	11.0	12.0	12.5	13.0	13.0	13.5	ISO 1974
	mNm ² /g	CD	11.0	12.0	13.0	13.5	14.0	14.0	
Burst strength	kPa		290	350	380	420	470	520	ISO 2758
	kPam ² /g		4.8	5.0	5.1	5.2	5.2	5.2	
Brightness	%		84	84	84	84	84	84	ISO 2470
Cobb 60s	g/m ²	WS	30	30	30	30	30	30	ISO 535
Air resistance	s		25	25	25	25	25	25	ISO 5636-5
Moisture	%		7.5	7.5	7.5	7.5	7.5	7.5	ISO 287

MD = Machine Direction
CD = Cross Direction

TS = Top side
WS = Wire side

Test climate: 50% RH, 23C

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The table shows typical values