

Axello Gloss WHITE MF KRAFT PAPER

Production Unit: Pietarsaari

End uses

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

Grammages

70-110 g/m²

Materials

Axello Gloss is produced from pure, white kraft pulp and consists entirely of virgin fibres. Axello Gloss, with a glossy surface, is soft calendered and long fiber based, including short fibres.

Approvals

Axello Gloss 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 FSSC 22000. Axello Gloss is available as FSC® Certified paper (FSC-C113010) or PEFC™ (PEFC/02-31-216) certified material.

Property	Unit							Method
Grammage	g/m ²		70	80	90	100	110	ISO 536
Thickness	µm		80	90	100	110	120	ISO 534
Tensile strength	kN/m	MD	7.0	8.0	9.0	10.0	11.0	ISO 1924-3
	kN/m	CD	3.6	4.1	4.7	5.2	5.7	
Tensile index	Nm/g	MD	100	100	100	100	100	ISO 1924-3
	Nm/g	CD	52	52	52	52	52	
Stretch	%	MD	2.0	2.1	2.2	2.2	2.4	ISO 1924-3
	%	CD	6.5	6.5	6.5	7.0	7.0	
TEA	J/m ²	MD	85	95	110	120	130	ISO 1924-3
	J/m ²	CD	160	185	210	230	250	
TEA Index	J/g	MD	1.2	1.2	1.2	1.2	1.2	ISO 1924-3
	J/g	CD	2.3	2.3	2.3	2.3	2.3	
Tear strength	mN	MD	630	800	900	1000	1210	ISO 1974
	mN	CD	700	880	990	1200	1320	
Tear index	mNm ² /g	MD	9.0	10.0	10.0	10.0	11.0	ISO 1974
	mNm ² /g	CD	10.0	11.0	11.0	12.0	12.0	
Burst strength	kPa		280	330	380	430	475	ISO 2758
Burst index	kPam ² /g		4.0	4.1	4.2	4.3	4.3	
Roughness	ml/min	WS	100	100	120	120	150	ISO 8791-2
	ml/min	TS	150	150	200	250	250	
Brightness	%		85	85	85	85	85	ISO 2470
Gloss Hunter	%		18	18	18	18	18	ISO 8254-1
Cobb 60s	g/m ²	WS	28	28	28	28	28	ISO 535
Air resistance	s		75	80	90	90	100	ISO 5636-5
Moisture	%		7.2	7.2	7.2	7.2	7.2	ISO 287

MD = Machine Direction
CD = Cross Direction

TS = Top side
WS = Smooth Wire side (winded outside)

Test climate: 50% RH, 23C

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The table shows typical values