

Axello Silk

WHITE COATED KRAFT PAPER

Production Unit: Gruvön

End uses

Axello Silk is recommended for sugar and flour bags, when good print quality in combination with excellent strength and good runnability are required.

Grammages

80-120 g/m²

Materials

Axello Silk is a pure, bleached kraft paper, consisting entirely of virgin fibres and a pigment coating layer.

Printing method

Flexo

Approvals

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

Certification

Axello Silk is produced at BillerudKorsnäs Gruvön, which is certified in accordance with ISO 9001, ISO 14001 and ISO 22000.

Property	Unit							Method
Grammage	g/m ²		80	90	100	110	120	ISO 536
Thickness	µm		79	88	99	108	118	ISO 534
Tensile strength	kN/m kN/m	MD CD	8.5 3.9	9.8 4.5	11.0 5.0	12.3 5.6	13.5 6.3	ISO 1924-3
Stretch	% %	MD CD	2.2 6.8	2.3 6.7	2.4 6.5	2.5 6.4	2.5 6.3	ISO 1924-3
TEA	J/m ² J/m ²	MD CD	120 175	145 200	170 220	200 245	225 265	ISO 1924-3
Tear strength	mN mN	MD CD	590 675	710 825	800 950	935 1145	1080 1335	ISO 1974
Burst strength	kPa		350	400	450	520	590	ISO 2758
Dennison wax	No		10	10	10	10	10	TAPPI T459
Roughness	ml/min	PS	30	30	30	30	30	ISO 8791-2
PPS	µm	PS	1.5	1.5	1.5	1.5	1.5	ISO 8791-4
Gloss	%	PS	45	45	45	45	45	TAPPI T480
Opacity	%		87	88	91	92	93	ISO 2471
Brightness	%		83	83	83	83	83	ISO 2470
Moisture	%		5.0	5.0	5.0	5.0	5.0	ISO 287

MD = Machine Direction

CD = Cross Direction

PS = Print Side

Test climate: 50% RH, 23C

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The table shows typical values