

Axello Silk Plus

WHITE COATED KRAFT PAPER

Production Unit: Gruvön

End uses

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

Grammages

85-120 g/m²

Materials

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

Printing method

Flexo

Approvals

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

Certification

Axello Silk Plus 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		85	90	95	100	105	115	120	ISO 536
Thickness	µm		78	82	86	90	95	105	110	ISO 534
Tensile strength	kN/m	MD	8.5	9.2	9.8	10.4	11.0	12.3	12.8	ISO 1924-3
	kN/m	CD	3.9	4.2	4.5	4.8	5.0	5.6	5.9	
Stretch	%	MD	2.2	2.2	2.3	2.3	2.4	2.5	2.5	ISO 1924-3
	%	CD	6.8	6.9	6.7	6.6	6.5	6.4	6.3	
TEA	J/m ²	MD	120	130	145	160	170	200	210	ISO 1924-3
	J/m ²	CD	175	190	200	210	220	245	255	
Tear strength	mN	MD	590	650	710	755	800	935	1000	ISO 1974
	mN	CD	675	760	825	890	950	1145	1240	
Burst strength	kPa		350	370	400	430	450	520	550	ISO 2758
Dennison wax	No		10	10	10	10	10	10	10	TAPPI T459
Roughness	ml/min	PS	15	15	15	15	15	15	15	ISO 8791-2
PPS	µm	PS	1.1	1.1	1.1	1.1	1.1	1.1	1.1	ISO 8791-4
Gloss	%	PS	57	57	57	57	57	57	57	TAPPI T480
Opacity	%		88	89	90	91	92	93	94	ISO 2471
Brightness	%		83	83	83	83	83	83	83	ISO 2470
Moisture	%		5.0	5.0	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