

Technical data sheet

Date: January 18, 2019

Basix Light WHITE MG KRAFT PAPER

Production Unit: Skärblacka PM8

End uses

Basix Light is a strong paper with a smooth, glossy surface. It is designed for Bags and Wrappings printed in flexography.

Grammages

22-40 gsm

Materials

Basix Light is produced from pure bleached pulp and consists entirely of primary fibers. These fibers are from slow growing Scandinavian forest, which gives the paper its inherent strength.

Printing method

Flexography

Approvals

Basix Light is produced in compliance with BfR and FDA food packaging norms.

Certification

Basix Light is produced at BillerudKorsnäs Skärblacka, which is certified in accordance with ISO 9001, ISO 14001, ISO 50001 and FSSC 22000.

Basix Light is certified as industrial compostable and has been awarded with the TÜV Austria OK Compost mark in accordance with ISO 18606:2013 and EN 13432 (09-2000). In addition, Basix Light has been approved for home compostability and awarded with the TÜV Austria OK Compost HOME mark.

Grammage g/m² 22 25 30 35 40 ISO 536 Caliper μm 44 48 54 61 68 ISO 534 Tensile strength kN/m kN/m kN/m CD 0.65 0.8 1.0 1.2 1.5 ISO 192 Tear strength mN MD MD 125 145 180 220 260 260 ISO 197 MN CD 210 245 280 340 390 1SO 197 245 280 340 390 ISO 275 Burst Strength kPa 60 70 90 110 130 ISO 275 Air resistance s 1.0 1.6 3.2 5.4 7.5 ISO 565 Gloss % MG 28 28 26 26 26 Tappi T Cobb 60s g/m² MG 24 24 24 24 24 24 15O 535 Surface roughness mI/min MG RS 700 800 950 1100 1200 ISO 875 ISO Brightness % 86 86 86 86 86 86 86 15O 247									
Caliper μm 44 48 54 61 68 ISO 534 Tensile strength kN/m kN/m CD 0.65 0.8 1.0 1.2 1.5 ISO 192 Tear strength mN MD MD 125 145 180 220 260 340 390 1SO 197 Burst Strength kPa 60 70 90 110 130 ISO 275 Air resistance s 1.0 1.6 3.2 5.4 7.5 ISO 563 Gloss % MG 28 28 26 26 26 Tappi T Cobb 60s g/m² MG 24 24 24 24 24 24 24 150 535 Surface roughness ml/min MG 230 RS 220 200 200 200 200 200 1200 1200 1200 180 875 ISO Brightness % 86 86 86 86 86 86 86 86	Property	Unit							Method
Tensile strength	Grammage	g/m²		22	25	30	35	40	ISO 536
Tear strength	Caliper	μm		44	48	54	61	68	ISO 534
Burst Strength mN CD 210 245 280 340 390 Burst Strength kPa 60 70 90 110 130 ISO 275 Air resistance s 1.0 1.6 3.2 5.4 7.5 ISO 563 Gloss % MG 28 28 26 26 26 Tappi T Cobb 60s g/m² MG 24 24 24 24 24 24 1SO 535 Surface roughness ml/min MG RS 230 RS 220 RS 200 RS 200 RS 200 RS 1100 RS 1200 RS 1SO 875 ISO Brightness % 86 86 86 86 86 86 86 1SO 247	Tensile strength								ISO 1924-3
Burst Strength RPa 60 70 90 110 130 Air resistance s 1.0 1.6 3.2 5.4 7.5 ISO 563 Gloss % MG 28 28 26 26 26 Tappi T Cobb 60s g/m² MG 24 24 24 24 24 24 1SO 535 Surface roughness ml/min MG 230 220 200 200 200 200 100 1200 1SO 879 ISO Brightness % 86 86 86 86 86 86 86 1SO 247	Tear strength								ISO 1974
Gloss % MG 28 28 26 26 26 Tappi To Cobb 60s g/m² MG 24 24 24 24 24 24 24 ISO 535 Surface roughness ml/min MG 230 220 200 200 200 ISO 875 ISO Brightness % 86 86 86 86 86 86 ISO 247	Burst Strength	kPa		60	70	90	110	130	ISO 2758
Cobb 60s g/m² MG 24 24 24 24 24 24 24 24 24 1SO 535 Surface roughness ml/min MG RS 700 230 220 200 200 200 200 1200 1200 1200 1SO 879 ISO Brightness % 86 86 86 86 86 86 86 1SO 247	Air resistance	S		1.0	1.6	3.2	5.4	7.5	ISO 5636-5
Surface roughness ml/min MG RS 230 700 220 800 200 950 200 1100 1200 ISO 879 ISO Brightness % 86 86 86 86 86 86 86 ISO 247	Gloss	%	MG	28	28	26	26	26	Tappi T480
ISO Brightness	Cobb 60s	g/m²	MG	24	24	24	24	24	ISO 535
	Surface roughness	ml/min							ISO 8791-2
Moisture % 5.5 5.4 5.4 5.4 5.4 Online 0	ISO Brightness	%		86	86	86	86	86	ISO 2470
	Moisture	%		5.5	5.4	5.4	5.4	5.4	Online QCS

MD = Machine Direction

CD = Cross Direction

MG = MG-side/RS = Reverse side

Test climate: 50% RH, 23C

The table shows typical values