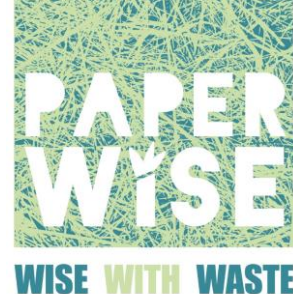


SPECIFICATIONS



PaperWise Earth Pact Naturel is environmentally friendly paper made from agricultural waste.

In order to feed 7 billion people worldwide, agricultural crops such as rice, grain, corn, sugar cane, etc. are grown. On average, only 20% of the plant is used for food and 80% are stems and leaves, agricultural waste! Worldwide, the majority of this agricultural waste is burned, which is a pity in a time where raw materials and the environment are becoming increasingly important. PaperWise users give a second life to agricultural waste. In doing so, they lower their ecological footprint, add value to waste, and prevent wastage. Wise With Waste.

NO.	PROPERTIES	METHOD	UNIT	PaperWise Earth Pact Naturel						
				70	90	150	200	226	263	295
1	Nominal GSM range	Tappi 410	GSM	70	90	150	200	226	263	295
2	Substance Tolerance		GSM	± 4%	± 4%	± 4%	± 4%	± 4%	± 4%	± 4%
3	Caliper/Thickness	Tappi 441	mm	0,101 ± 4%	0,130 ± 4%	0,205 ± 4%	0,305 ± 4%	0,355 ± 4%	0,410 ± 4%	0,460 ± 4%
4	Bulk		cc/g	1,45 +/-0,05						
5	Reel width in mm.		mm	3650 - 3700mm. Maximum						
6	Brightness		%	40	40	40	40	40	40	40
7	Whiteness			NATURAL BROWN						
8	Opacity		%	88	93	95	95	95	95	95
9	moisture ±5%	Tappi 412	%	6,2	6,2	6,2	6,2	6,2	6,2	6,2
10	Stiffness MD	Tappi 489	g.cm	15	17	28	39	60	92	115
11	Stiffness CD	Tappi 489	g.cm	8	10	15	24	35	57	63
12	Extending Rate		%	MD≥1,5% CD≥ 3,5% According to standards of GB453-89						
13	Ash Rate		%	≤ 7						
14	smoothness WS	Tappi 538	Sheffield	190	190	190	190	260	260	260
15	Smoothness FS	Tappi 538	Sheffield	150	150	150	150	200	200	200
16	Porosity (max)	Bendtsen	ml/min	600	600	550	550	550	525	525
17	Picking FS		VVP	30	30	30	30	30	30	30
18	Picking WS		VVP	30	30	30	30	30	30	30
19	Sizing		seconds	120	120	120	120	120	120	120
20	Blanket cleanness			1	1	1	1	1	1	1
21	Picking spots			5	5	5	5	5	5	5
22	Cobb ₆₀ (Max.)		g/m ²	37	37	37	37	37	37	37
23	Fold MD		fold number	65	65	65	65	65	65	65
24	Fold CD		fold number	65	65	65	65	65	65	65
25	Cellulose share agricultural waste		%	100	100	100	100	100	100	100
26	Food Approved EC1935/2004	ISEGA		✓	✓	✓	✓	✓	✓	✓
28	Compostable EN-13432	DIN CERTCO		✓	✓	✓	✓	✓	✓	✓
29	RECYCLABLE with regular paper			✓	✓	✓	✓	✓	✓	✓
PaperWise is suitable for offset- flexo-, digital- & rotogravure printing										

Reels and sheets with customer specific dimensions can be produced with minimum of 8 Ton where the order needs to be tuned to the optimum use of the machine width of 370cm. Transport container only takes place from 24 Ton.