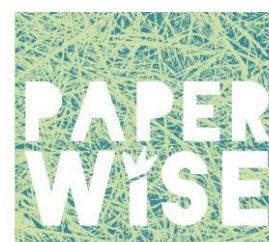


# SPECIFICATIONS



**WISE WITH WASTE**

## PaperWise Natural Machine Glazed

### Environmentally friendly, socially responsible paper made from agricultural waste.

PaperWise Natural Machine Glazed is paper made from agricultural waste, light brown coloured, CO2 neutral and suitable for recycling. For applications from packaging for vegetables, fruit, cakes, to bread, baguettes, snacks and other consumer packaging. PaperWise Natural Machine Glazed is certified for direct food contact and composting, both industrial EN13432 and home composting. It is an uncoated mono-layer paper and can be printed on both sides. The light brown colour of the material gives a natural soft tint to the printing colours and the polished (Machine Glazed) side makes colours sparkle.

In order to feed 8 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 poverty, 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 Natural Machine Glazed						
				30	35	40	45	50	60	70
1	Nominal GSM range	Tappi 410	GSM	30	35	40	45	50	60	70
2	Substance Tolerance		%	± 5						
3	Bulk		cc/g	1,25 +/-0,05						
4	machinewidth (parentreel)		mm	2850 Maximum						
5	core options		inch	3", 6", 10" and 12"						
6	OD (Outer Diameter Reels)		mm	1000, 1200 and 1450						
7	Tolerance OD		mm	+/- 50						
8	Tolerance reelwidth		mm	+/- 5						
9	Tolerance sheetdimension	length	mm	+/- 5						
		width	mm	+/- 3						
10	Extending Rate		%	MD≥1,5% CD≥ 3,5% According standards GB453-89						
11	Burst Index		kPam <sup>2</sup> /g	3.2	3.2	3.2	3.5	3.5	3.5	3.7
12	Tear index		mN.m <sup>2</sup> /g	4.6	5.0	5.0	5.4	5.5	6.0	6.5
13	Tensile strength		kg/15mm	3.6	4.0	4.5	5.0	5.2	5.3	5.4
14	Breaking length		meter	5100	5200	5300	5400	5500	5600	5700
15	Cobb <sub>60</sub> (Max.)		g/m <sup>2</sup>	30			35			
16	moisture ±5%	Tappi 412	%	6,5						
17	Ash Rate	Tappi 413	%	≤ 7						
18	pH Value		pH	6-7						
19	Brightness		%	40						
20	Gloss 75° FS	TAPPI 480	%	24						
21	Whiteness			NATURAL LIGHT BROWN (1 SIDE MACHINE GLAZED)						
22	Preferred printed side			BOTH SIDES POSSIBLE						
23	Cellulose share agricultural waste		%	100						
24	Food Approved EC1935/2004	ISEGA		✓						
25	Industrial Compostable EN-13432	Din Certco		✓						
26	Home compostable	Din Certco		✓						
27	CO <sub>2</sub> -neutral			✓						
28	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 285cm. Transport container only takes place from 24 Ton. HS Code for customs Reels is 4805919000 for sheets contact us.