

# SPECIFICATIONS



## PaperWise White Copy & Printing

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

PaperWise White Copy & Printing is copy and print paper made from agricultural waste, white coloured, CO2 neutral and suitable for recycling. PaperWise White copy & printing paper is uncoated, suitable for all types of printers and copiers and can be printed on both sides. PaperWise White Copy & Printing is certified for archiving up to 100 years (ISO 9706). The white colour of the material gives a bright tint to printing colours.

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 White Copy & Printing	
1	Nominal GSM range	ISO 536	GSM	75	80
2	Substance Tolerance		%	± 2.5%	
3	Caliper/Thickness in mm.	ISO 534	microns	105	108
4	Bulk		cc/g	1.35 ±0.05	1.40 ±0.05
5	Ash	ISO 1762	%	16 ± 2	
6	Moisture	ISO 287	%	6 ± 0.5	
7	Breaking Length (Min.) MD	ISO 1924 - 2	m	5.000	
	Breaking Length (Min.) CD		m	2.500	
8	Tear Factor MD	ISO 1974		45 ± 5	
	Tear Factor CD			50 ± 5	
9	Burst Factor (Min.)	ISO 2758		22	
10	Bendtsen Smoothness TS	ISO 8791-2	ml/min	150-200	
	Bendtsen Smoothness WS		ml/min	120-180	
11	Porosity (max)	Bendtsen	ml/min	340	330
12	Cobb <sub>60</sub> (Max.)	ISO 535	g/m²	30	
13	Brightness (Min.)	ISO 2470	% ISO	92	
14	Opacity (Min.)	ISO 2471	%	92	94
15	Shade Values L*		No.	91 ± 1	
	a*		No.	1.7 ± .1	
	b*		No.	-6.4±0.4	
16	CIE Whiteness	ISO 11475		155 ± 5	
17	Taber Stiffness (Min.) MD		Taber	2 - 3	
	Taber Stiffness (Min.) CD		Taber	1.5 - 2.0	
18	Droop rigidity MD		mm	120	
	CD		mm	90	
19	Droop Bias		mm	<10	
20	Cellulose share agricultural waste		%	55-60	
21	Archiving untill 100 years	ISO 9706		✓	
22	CO <sub>2</sub> -neutral			✓	
23	RECYCLABLE with regular paper			✓	
PaperWise is suitable for offset- flexo- , digital- & rotogravure printing					