

SPECIFICATIONS

PaperWise Ivory

Environmentally friendly, socially responsible folding board made from agricultural waste.

PaperWise Ivory is board made from agricultural waste, creamy white coloured, CO2 neutral and suitable for recycling. For applications from packaging for vegetables, fruit, pastries, dry groceries, to (luxury) cosmetics, jewellery, medicines, care, and other consumer packaging. PaperWise Ivory will be certified for direct food contact and composting, both industrial EN13432 and home composting as soon as possible. PaperWise Ivory is uncoated multi-layer board and can be printed on both sides. The creamy white colour of the material gives a soft tint to the printing colours.

In order to feed 7,5 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 Ivory							
				170	200	210	250	280	300	350	
1	Nominal GSM range	Tappi 410	GSM	170	200	210	250	280	300	350	
	Substance Tolerance		%	+/- 3							
2	Caliper/Thickness	Tappi 411	micron	286	336	353	420	470	504	588	
	Substance Tolerance		%	+/- 5							
3	Bulk		cm ³ /g	1,68 +/- 5							
4	Machinewidth (parentreel)		mm	3650 Maximum							
5	Core options		inch	3", 6", 12"							
6	OD (Outer Diameter Reels)		mm	1000 or 1100 or 1200							
	Tolerance OD		mm	+/- 50							
7	Tolerance reelwidth		mm	+/- 5							
8	Tolerance sheetdimension	length	mm	+/- 5							
		width	mm	+/- 3							
9	smoothness	Tappi 479	ml/min	250/250							
10	Plybond	Tappi 569	J/m ²	minimum 150							
11	Stiffness MD (Bending)	Tappi 556	mN	115	185	210	330	450	530	775	
12	Stiffness CD (Bending)	Tappi 556	mN	50	80	90	145	210	260	405	
13	Stiffness GM (Bending)	Tappi 556	mN	75	120	140	225	305	365	550	
14	Bending Moment MD Taber 15°	Tappi 489	mNm								
15	Bending Moment CD Taber 15°	Tappi 489	mNm								
16	Substance Tolerance Stiffness		%	+/- 15							
17	Cobb ₆₀ (Max.) top/bottom	Tappi 441	g/m ²	40/40							
18	Moisture	Tappi 412	%	6,0 - 7,0							
19	Edge Wick (maximum)		kg/m ² /hr								
20	Brightness minimum	ISO 2469	%	77							
21	Material colour			Cream white							
22	Prefered printed side			BOTH SIDES POSSIBLE							
23	Cellulose share agricultural waste		%	on the way to the max; end of 2023 result							
24	Food Approved EC1935/2004	ISEGA		pending for certification							
25	Industrial Compostable EN 13432	Din Certco		pending for certification							
26	Home Compostable	Din Certco		pending for certification							
27	CO ₂ -neutral			✓							
28	RECYCLABLE with regular paper			✓							

PaperWise is suitable for offset- flexo-, digital- & rotogravure printing

Minimum quantity for custom-made grammage and sizes is 45 ton. Transport container only takes place from 24 ton. Custom-made orders need to be tuned to the optimum use of the machine width of 365cm.