

SPECIFICATIONS



PaperWise Ivory Coated 1 Side White

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

PaperWise Ivory Coated 1 Side White is board made from agricultural waste, cream-white coloured, CO2 neutral and suitable for recycling. For print matters and applications from packaging for vegetables, fruit, cakes, dry groceries, to (luxury) cosmetics, jewellery, medicines, care, gift cards and other consumer packaging. PaperWise Ivory Coated 1 Side White will be certified for direct food contact and composting, both industrial EN13432 and home composting, as soon as possible. It is an one side clay-coated multi-layer board and can be printed on both sides. The cream-white colour of the material gives a soft tint to the printing colours and the clay-coated white 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 Ivory Coated 1 Side White						
				190	220	250	300	350	400	450
1	Nominal GSM range	Tappi 410	GSM	190	220	250	300	350	400	450
	Substance Tolerance		%	+/- 3						
2	Caliper/Thickness	Tappi 411	micron	308	356	405	492	588	672	756
	Substance Tolerance		%	+/- 5						
3	Bulk		cm ³ /g	1,65 +/-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	Roughness	Tappi 555	µm	1.0		1.2		1.5		
	Substance Tolerance Roughness			max						
10	Plybond	Tappi 569	J/m ²	min 150						
11	Stiffness MD (Bending)	Tappi 556	mN	120	150	250	408	600	900	1160
	Stiffness CD (Bending)	Tappi 556	mN	60	85	130	193	295	420	590
	Stiffness GM (Bending)	Tappi 556	mN	85	115	180	280	420	640	825
12	Bending Moment MD Taber 15°	Tappi 489	mNm							
	Bending Moment CD Taber 15°	Tappi 489	mNm							
13	Substance Tolerance Stiffness		%	+/- 15						
14	Cobb ₆₀ (Max.) top/bottom	Tappi 441	g/m ²	TOP/BOTTOM 40/50 (MAX)						
15	Moisture	Tappi 412	%	6,0 - 7,0				7,0 - 8,0		
16	IGT DRY PICK	ISO3783	m/s	TOP 0,8 (MIN)						
17	GLOSS at 75°	TAPPI 480	%	TOP 45 (MIN)						
18	Brightness minimum	ISO 2469	%	85						
19	CIE WHITENESS	TAPPI 560	%	TOP 95 (MIN)						
20	Material colour			Cream White Uncoated; One Side Clay Coated White						
21	Prefered printed side			BOTH SIDES POSSIBLE						
22	Cellulose share agricultural waste		%	on the way to maximum						
23	Food Approved EC1935/2004	ISEGA		pending for certification						
24	Industrial Compostable EN 13432	Din Certco		pending for certification						
25	Home Compostable	Din Certco		pending for certification						
26	CO ₂ -neutral			✓						
27	RECYCLABLE with regular paper			✓						
PaperWise is suitable for offset- flexo-, digital- & rotogravure printing										

Minimum quantity for custom-made grammage and sizes is 100 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.