

SPECIFICATIONS



PaperWise Natural Coated 1 Side White

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

PaperWise Natural Coated 1 Side White is board made from agricultural waste, light brown 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 Natural Coated 1 Side White is certified for direct food contact and composting, both industrial EN13432 and home composting. It is an one side clay-coated mono-layer board 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 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 Natural Coated 1 Side White			
1	Nominal GSM range	Tappi 410	GSM	245	272	310	342
2	Substance Tolerance		%	+/- 4			
3	Thickness/Caliper	Tappi 411	micron	305	355	410	460
4	Tolerance		%	+/- 4			
5	Bulk	Tappi 500	cc/g	1,35 +/-0,05			
6	machinewidth (parentreel)		mm	3650 Maximum			
7	core options		inch	3", 6", 10" and 12"			
8	OD (Outer Diameter Reels)		mm	1000, 1200 and 1450			
9	Tolerance OD		mm	+/- 50			
10	Tolerance reelwidth		mm	+/- 5			
11	Tolerance sheetdimension	length	mm	+/- 5			
			width	mm	+/- 3		
12	Stiffness MD	Tappi 489	g.cm	39	60	92	115
	Stiffness CD	Tappi 489	g.cm	24	35	53	63
13	Extending Rate		%	MD≥1,5% CD≥ 3,5% According standards GB453-89			
14	Rugosity	Tappi 555	micron	2.5			
15	Gloss 75° (felt side)	Tappi 480	%	50			
16	Porosity (max)	Bendtsen	ml/min	40			
17	Cobb ₆₀ (Max.)	Tappi 441	g/m ²	34			
18	moisture ±5%	Tappi 412	%	7,2			
19	Ash Rate	Tappi 413	%	≤7			
20	Opacity		%	94	95	98	99
21	Brightness		%	1 SIDE 40 / 1 SIDE 90			
22	Whiteness			1 SIDE NATURAL LIGHT BROWN UNCOATED / 1 SIDE CLAY COATED WHITE			
23	Prefered printed side of reel			BOTH SIDES POSSIBLE / WHITE SIDE BEST RESULT			
24	Cellulose share agricultural waste		%	100			
25	Food Approved EC1935/2004	ISEGA		✓			
26	Industrial Compostable EN 13432	Din Certco		✓			
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 8 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. HS Code for customs Reels is 4805919000 - for sheets contact us.