

SPECIFICATIONS



PaperWise Natural Coated 1 Side White is environmentally friendly paper made from agricultural waste.

In order to feed 7 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 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 441	mm	0,305	0,355	0,41	0,46
4	Tolerance		%	+/- 4			
5	Bulk	Tappi 500	cc/g	1,45 +/-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			
12		width	mm	+/- 3			
13	Stiffness MD	Tappi 489	g.cm	39	60	92	115
14	Stiffness CD	Tappi 489	g.cm	24	35	57	63
15	Extending Rate		%	MD≥1,5% CD≥ 3,5% According to standards of GB453-89			
16	Rugosity	Tappi 555	microns	2.5			
17	Gloss 75° (felt side)	TAPPI 480	%	50			
18	Porosity (max)	Bendtsen	ml/min	40			
19	Cobb ₆₀ (Max.)		g/m ²	34			
20	moisture ±5%	Tappi 412	%	7,2			
21	Ash Rate	Tappi 413	%	≤ 7			
22	Opacity		%	94	95	98	99
23	Brightness		%	1 SIDE 40 / 1 SIDE 90			
24	Whiteness			1 SIDE NATURAL LIGHT BROWN UNCOATED / 1 SIDE WHITE (CLAY COATED)			
25	Prefered printed side of reel			BOTH SIDES POSSIBLE / WHITE SIDE BEST RESULT			
26	Cellulose share agricultural waste		%	100			
27	Food Approved EC1935/2004	ISEGA		✓			
28	Industrial Compostable EN 13432	Din Certco		✓			
29	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 365cm. Transport container only takes place from 24 Ton. HS Code for customs Reels is 4805919000 and for sheets contact us