

SPECIFICATIONS



PaperWise Natural Moisture Resistant 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 Naturel Moisture Resistant			
1	Nominal GSM range	Tappi 410	GSM	200	226	263	295
2	Substance Tolerance		%	+/- 4			
3	Caliper/Thickness	Tappi 441	mm	0,305	0,355	0,41	0,46
4	Substance Tolerance		%	+/- 4			
5	Bulk		cc/g	1,35 +/-0,05	1,45 +/-0,05		
6	machinewidth (parentreel)		mm	3750 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	Extending Rate		%	MD≥1,5% CD≥ 3,5% According to standards of GB453-89			
13	smoothness WS	Tappi 538	Sheffield	190	260		
14	Smoothness FS	Tappi 538	Sheffield	150	200		
15	Porosity (max)	Bendtsen	ml/min	350		330	
16	Stiffness MD	Tappi 489	g.cm	50	84	101	141
17	Stiffness CD	Tappi 489	g.cm	29	51	63	82
18	Sizing		seconds	120			
19	Fold MD		fold number	65			
20	Fold CD		fold number	65			
21	Cobb ₆₀ (Max.)		g/m ²	20			
22	moisture ±5%	Tappi 412	%	7			
23	Ash Rate	Tappi 413	%	≤ 7			
24	Brightness		%	40			
25	Opacity		%	94	95	98	99
26	Whiteness			NATURAL LIGHT BROWN UNCOATED			
27	Prefered printed side			BOTH SIDES POSSIBLE			
28	Cellulose share agricultural waste		%	100			
29	Food Approved EC1935/2004	ISEGA		✓			
30	Industrial Compostable EN 13432	Din Certco		✓			
31	Home Compostble	Din Certco		✓			
32	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 375cm. Transport container only takes place from 24 Ton.