

ZHEJIANG KAIFENG NEW MATERIAL LIMITED BY SHARE LTD
Unbleached Kraft Paper (Wrapping Paper)

Material			Application													
Unbleached Kraft Paper is made primarily from high-quality bleached softwood kraft pulp. Formed on a fourdrinier machine and finished by high-pressure calendering, it provides excellent strength, smoothness, and reliable performance for food and general packaging applications.			Suitable for food packaging and paper bags for bakery products, fast food, tea, nuts, and other food applications.													
TDS No:		KFJS-UBNP01B		Tesating Condition: 23±1 °C & 50±3 % Date: October 2024												
Item		Unit	Standard	Tolerance	Nominal											
1. Grammage		g/m ²	ISO 536	2σ	30	33	35	40	45	49	55	65	80	98		
2. Moisture		%	ISO 287	+2-1	7											
3.Thickness		μm	ISO 534	±5	45	47	50	55	60	70	76	90	115	150		
4.Tightness		g/cm ³	ISO 534	≥	0.6											
5. Cobb		US	g/m ²	ISO 535	≤	40										
6. Stretch		MD	%	ISO 1924-2	≥	1.7										
		CD				4										
7. Tensile strength		MD	N/15mm	ISO 1924-2 Length: 180mm Width: 15mm Stretching speed: 20mm/min	≥	33	34	36	40	45	52	63.0	75	90	105	
		CD				15	18	19	22	24	26	30	42	52	67	
8. Tensile energy		MD	J/m ²	ISO 1924-2	≥	25	27	28	30	36	45	50	60	100	120	
		CD				30	34	36	40	45	60	70	100	120	140	
9. Tearing resistance		MD	mN	ISO 1974	≥	100	130	135	200	260	300	350	600	800	950	
		CD				110	160	170	250	300	350	420	650	850	1000	
10. Burst		kpa	ISO 2758	≥	100	110	117	120	180	200	220	250	300	350		
11. Smoothness		S	ISO 5627	≥	US: 15											
12. Air permeability		um/Pa.s	ISO 5636	≤	5											
13. OBA		/	GB31604.47	/	negative											
14. Odour		/	EN 1230	/	≤ level 1											
15. Recycled Fiber Grade		/	/	/	Not Used											
16. Colour			ISO 1664	/	ΔE≤2 30g brown (L = 68, a = 5.8, b = 24) 40-50g brown (L = 66.5, a = 7.0, b = 20) 65-80g brown (L = 65, a = 7.5, b = 22) 98g brown (L = 64, a = 7.5, b = 23)											
MD = Machine Direction CD = Cross Direction																
This product complies with the standards of GB4806.8, US FDA 21, CFR 176/170, ECNo1935/2004, and BfRXXXV.																
Core general requirements: inner diameter is 76mm.																
These values are average values from the production results and do never form a specification for a certain product.																
The above date does not relieve the user from carrying out tests by himself.																
A legal binding assurance of specific properties for a specific application purpose cannot be given.																