

ZHEJIANG KAIFENG NEW MATERIAL LIMITED BY SHARE LTD
Technical Specification of High-strength kraft paper

Material	Application
Excellent Strength: Outstanding burst, tensile, and tear resistance for reliable load-bearing and impact protection. Excellent Toughness: Combines rigidity and flexibility for durable protection. Moderate Stiffness: Smooth, wrinkle-resistant surface for excellent packaging formation. Stable Dimensions: Uniform moisture content ensures minimal warping or shrinking, ideal for automated packaging. Eco-Friendly & Recyclable: Made from natural fibers, biodegradable and recyclable for sustainable packaging.	High-strength kraft paper/bags, used for packaging or storing grains, feed, and similar products. Food and beverage packaging, suitable for snack foods, coffee, tea packaging, or storage.

TDS No:	KFJS-TXZ01A -2026	Testing Condition : (23±1) °C & (50±3) %				
Item		Unit	Standard	Tolerance	Nominal	
1.Grammage		g/m²	ISO 536	±5%	80	90
2.Moisture		%	ISO 287	±1	6	
3.Thickness		µm	ISO 534	±5	100	110
4.Smoothness	PS	s	ISO 5627	≥	25	
	RS			≤	25	
5.Tensile strength	MD	kN/m	ISO 1924-2	≥	6.0	6.5
	CD			≥	3.5	4.0
6.Cobb		g/m²	ISO 535	≤	30	
7.Tearing resistance	MD	mN	ISO 1974	≥	700	800
	CD			≥	750	850
8.burst		kpa	ISO 2758	≥	350	400
9.Wet tensile strength	MD	kN/m	ISO 1924-2	≥	0.3	
10.Interlayer adhesion		J/m²	GB26203	≥	550	
11.Dust degree: (0.3- 1.5)mm²		number/m²	GB/T 1541	≤	10	
12.OBA		/	GB31604.47	/	negative	
13.Odour		level	EN 1230	≤	1	

MD = Machine Direction CD = Cross Direction

Appearance: Even surface without wrinkle, uniform tightness of single paper roll, no visible defects that maybe influence the printing performance such as hardness, mosquitoes, hair, etc.

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.