

ZHEJIANG KAIFENG NEW MATERIAL LIMITED BY SHARE LTD

Technical Specification of Plug Wrapper Paper

Material			Application		
Combining a high-density fiber structure with a moisture-proof coating, the paper provides excellent resistance to water, oil, tar, and condensate penetration. It effectively prevents oil leakage, discoloration, and staining while maintaining strong dry and wet strength, heat and moisture resistance, and dimensional stability. It resists bulging, delamination, and mold during high-temperature, high-humidity conditions, long-distance transportation, and storage. Its original air permeability, bonding, and molding properties remain unchanged, making it suitable for automated filter rod production lines. Safe, non-toxic, and odorless.			Designed specifically for high-tar cigarettes, burst bead cigarettes, high-end thin sticks, collector gift boxes, and long-term storage premium cigarettes. It addresses the problems of burst bead leakage, smoke oil accumulation, high humidity moisture absorption, and long-term deterioration. It ensures the stability of the filter rod structure and a clean appearance. It is suitable for high-end cigarettes with strict requirements for the delicacy of the cigarette rods, storage stability, and quality durability. It is the core supporting material for differentiating and improving the quality of high-end cigarettes.		
TDS No:	KFJS-TGNJ02A-2026		Testing Condition: (23±1) °C & (50±3) % Date: January 2026		
Item		Unit	Standard	Tolerance	Nominal
1. Grammage		g/m ²	ISO 536	±1.5	27
2. Thickness		μm	ISO 534	±7	41
3. Stretch	MD	%	ISO 1924	≥	1.1
4. Tensile strength	MD	kN/m	ISO 1924	≥	1.4
5. Barrier Level		Kit	TAPPI T599	/	4-7
6. D65 brightness		%	ISO 11475	≥	77
7. D65 Fluorescent Brightness		%	ISO 11475	≤	1
8. Ash Content		%	/	≤	2
9. Dust degree	0.2- 1.5mm ² >1.5mm ²	number /m ²	GB/T 1541	/	≤40 0
MD = Machine Direction					
Appearance: Even surface without wrinkle, uniform tightness of single paper roll, no visible defects that may influence the printing performance such as hardness, mosquitoes, hair, etc. This product complies with the standards of GB4806.8, US FDA 21, CFR 176.170, EC No 1935/2004, and BfR XXXVI/2.					
Core general requirements : inner diameter is 76mm.					
These values are average values from the production results and do not 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.					