

Thermal paper technical specifications

Item		Specification	Testing standard
Quantification	$\leq 60 \text{ g/m}^2$	$\pm 8\%$	GB451.2
	$\geq 60 \text{ g/m}^2$	$\pm 10\%$	
Transverse thickness difference		$\leq 5 \mu\text{m}$	GB451.3
Tightness		$0.75 \sim 0.90 \text{ g/cm}^3$	GB451.3
Whiteness		$\geq 80\%$	GB7974
Opacity		$\geq 65\%$	GB1543
Smoothness (front)		$\geq 100 \text{ s}$	GB456
Black print color density ΔD		≥ 1.05	附录 B
Lightfastness (ΔE Retention rate) 144h		$\geq 90\%$	附录 B
Tensile strength index (longitudinal)		$\geq 60 \text{ N.m/g}$	GB453
Tearing degree (mN) Longitudinal/transverse		$> 200 / 250$	GB/T455.1
Delivery moisture		$6.5\% \sim 8.0\%$	GB462
Wax Stick Strength		$> 13\#$	Printed type only
Friction coefficient		< 0.40	GB 10006