

Test Department: quality control department

Date: 2022-10-28

sample		Data				
Item	unit	Standard value	Test data	Test result	Test Method	
Grammage	g/m ²	55	55.4	conform	GB/T 451.2	
Grammage Deviation	g/m ²	±3	+0.4	conform	GB/T 451.2	
Thickness	um	65±5	65	conform	GB/T 451.3	
Horizontal thickness deviation	um	≤4	0	conform	GB/T 451.3	
Whiteness	%	90±2	88.21	conform	GB/T 7974	
Brightness	%	≥75%	97.54	conform	GB/T 1543	
Conservation Performance	Static color density at 70°C	-	≤0.25	0.1	conform	GB/T 28210-2011
	Dynamic saturated color	-	≥1.1	1.25	conform	GB/T 28210-2011
	Barcode definition	Glade	≥B	A	conform	-
Conservation Performance	photostability	-	≥90%	96%	conform	GB/T 28210-2011
	heat resistance	-	≥90%	96%	conform	GB/T 28210-2011
	moisture resistance	-	≥90%	98%	conform	GB/T 28210-2011
Tensile Strength (vertical)	KN/m	≥3	2.29	conform	GB/T453	
Tensile Strength (horizontal)	KN/m	—	1.56	conform	GB/T453	
Tear Resistance (horizontal)	mN	≥200	281.5	conform	GB/T45.1	
Smoothness	s	≥150	224.1	conform	GB/T 456	
Moisture	%	6.5±1.0	6	conform	GB/T 462	
Test conclusion	conform					
Test environment	23°C, RH: 58%					
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