

AF50KS-E3B

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High sensitivity grade. Improved resistance against heat.

Paper Properties

ITEM	UNIT	VALUE	TEST METHOD
Basis Weight	g/m ²	55.0±4.0	SCAN-P6 / ISO 536
Thickness	µm	63±5	SCAN-P7 / ISO 534
Moisture	%	6.0±1.0	SCAN-P4 / ISO 287
Smoothness, Bekk	s	min. 450	TAPPI T 479 / ISO 5627
ISO-Brightness	%	min. 85	ISO 2470
Tensile strength (MD)	kN/m	min. 2.5	SCAN-P38 / ISO 1924-2
Tensile strength (CD)	kN/m	min. 1.5	SCAN-P38 / ISO 1924-2
Tear strength (MD)	mN	min. 230	SCAN-P11 / ISO 1974
Tear strength (CD)	mN	min. 230	SCAN-P11 / ISO 1974



JTK recommends for
PRINTER, POS

Image Properties

ITEM	UNIT	VALUE	TEST METHOD
Image color	-	black	
Dynamic sensitivity	OD	1.20±0.05	0.28 mJ/dot
Maximum density	OD	1.30±0.10	

Stability Properties

ITEM	UNIT	VALUE	CIRCUMSTANCES
Heat resistance:			60°C, 24h
Background	OD	max. 0.20	
Image loss	OD	max. 25%	
Humidity resistance:			40°C, 90% RH, 24h
Background	OD	max. 0.20	
Image loss	OD	max. 15%	
Light resistance:			5000 lux, 100h
Background	OD	max. 0.20	
Image loss	OD	max. 10%	
Stability of image & printability		5 years	correct storage for thermal papers
Max ion content	ppm	Na ⁺ 700, K ⁺ 250, Cl ⁻ 300	

Examples of Color Development Graphs

