

# AP62KM-I

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Improved heat and humidity resistance and improved image stability. NIR scannable.



JTK recommends for LABEL

## Paper Properties

ITEM	UNIT	VALUE	TEST METHOD
Basis Weight	g/m <sup>2</sup>	75.0±5.0	SCAN-P6 / ISO 536
Thickness	µm	83±5	SCAN-P7 / ISO 534
Moisture	%	6.0±1.0	SCAN-P4 / ISO 287
Smoothness, Bekk	s	min. 350	ISO 8791-4
ISO-Brightness	%	min. 85	ISO 2470:1999
Tensile strength (MD)	kN/m	min. 4.4	SCAN-P38 / ISO 1924-2
Tensile strength (CD)	kN/m	min. 2.2	SCAN-P38 / ISO 1924-2
Tear strength (MD)	mN	min. 330	SCAN-P11 / ISO 1974
Tear strength (CD)	mN	min. 370	SCAN-P11 / ISO 1974

## Image Properties

ITEM	UNIT	VALUE	TEST METHOD
Image color	-	black	
Dynamic sensitivity	OD	1.28±0.03	23.2 mJ/mm <sup>2</sup>
Maximum density	OD	1.33±0.05	

## Stability Properties

ITEM	UNIT	VALUE	CIRCUMSTANCES
Heat resistance:			60°C, 24h
Background	OD	max. 0.10	
Image loss	OD	max. 10%	
Humidity resistance:			40°C, 90% RH, 24h
Background	OD	max. 0.10	
Image loss	OD	max. 10%	
Light resistance:			5000 lux, 100h
Background	OD	max. 0.20	
Image loss	OD	max. 10%	
Stability of image & printability		10 years	correct storage for thermal papers

## Examples of Color Development Graphs

