

AP50KS-D™

Medium sensitivity grade for cash register, receipt, coupon and .O.S. U
P

PAPER PROPERTIES

ITEM	UNIT	ALUE V	TEST METHOD
Basis Weight	g/m ²	55.0±4.0	SCAN-P6 / ISO 536
Thickness	αm	62±5	SCAN-P7 / ISO 534
Moisture	%	.0±1.0 6	SCAN-P4 / ISO 287
Smoothness, Bekk	s	min. 350	APPITT 479 / ISO 5627
ISO-Brightness	%	min. 80	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. 200	SCAN-P11 / ISO 1974
Tear strength (CD)	mN	min. 200	SCAN-P11 / ISO 1974

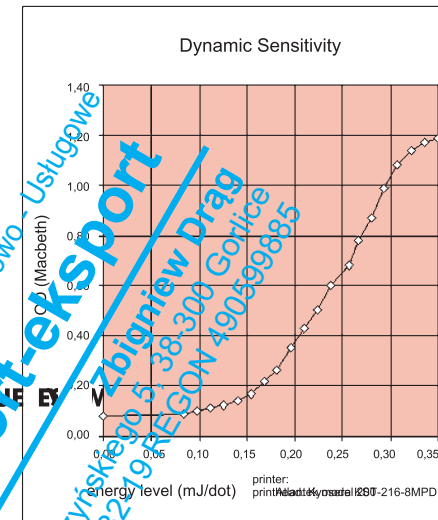
IMAGE PROPERTIES

ITEM	UNI	ALUE V	TEST METHOD
		black	
Dynamic sensitivity	OD	0.90±0.10	0.28 mJ/dot
Maximum density	OD	1.15±0.15	T ALUE V

STABILITY PROPERTIES

ITEM	UNI	CIRCUMSTANCES
Heat resistance: 60 °C, 24 h		
Background	OD	max. 0.20
Image loss	OD	max. 20%
Humidity resistance: 40 °C, 90%		
Background	OD	max. 0.20
Image loss	OD	max. 20%
Light resistance: 5000 lux, 100 h		
Background	OD	max. 0.20
Image loss	OD	max. 10%
Stability of image & printability	5 years	correct storage for thermal papers

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Examples of Color Development Graphs

