



Standard, non-BPA grade for cash register- and ATM receipt use. Good print definition. Produced without using Bisphenol A.

PAPER PROPERTIES					
ITEM	UNIT (SI)	VALUE (SI)	UNIT (US)	VALUE (US)	TEST METHOD
Grammage	g/m ²	48 ± 4	17x22 - 500 lbs	12.8 ± 1.1	ISO 536
Thickness	µm	55 ± 4	mils	2.17 ± 0.16	ISO 534
Moisture	%	6.0 ± 1.0			ISO 287
Tensile strength (MD)	kN/m	min. 2.1	lbf/in	min. 12.0	ISO 1924-3
Tensile strength (CD)	kN/m	min. 1.1	lbf/in	min. 6.3	ISO 1924-3
Tear strength (MD)	mN	min. 200	gf	min. 20.4	ISO 1974
Tear strength (CD)	mN	min. 220	gf	min. 22.4	ISO 1974
Brightness	%	min. 80			ISO 2470
Smoothness BEKK	s	min. 350			ISO 5627

IMAGE PROPERTIES			
ITEM	UNIT	VALUE	TEST METHOD
Image color		black	
Dynamic sensitivity	• - ••••	••	•••• = highest sensitivity
Maximum density	• - ••••	•	

STABILITY PROPERTIES			
ITEM	UNIT	VALUE	CIRCUMSTANCES
Heat resistance background	OD	max. 0.20	60 °C, 24 h
Heat resistance image loss	OD%	max. 20	
Humidity resistance background	OD	max. 0.20	40 °C, 90% rh, 24 h
Humidity resistance image loss	OD%	max. 20	
Light resistance background	OD	max. 0.20	5000 lux, 100 h
Light resistance image loss	OD%	max. 10	
Image stability	years	min. 8	Correct storage for thermal papers

EXAMPLES OF COLOR DEVELOPMENT GRAPHS

DYNAMIC SENSITIVITY

Energy level (mJ/mm ²)	OD (GretagMacbeth)
0	0.02
2	0.02
4	0.05
6	0.25
8	0.55
10	0.95
12	1.05
14	1.10
16	1.10

Printer: Atlantek 400

STATIC SENSITIVITY

Temperature (°C)	OD (GretagMacbeth)
0	0.05
25	0.05
50	0.05
65	0.05
75	0.35
85	0.65
100	0.78
115	0.90
125	0.92
140	0.93

Contact time: 5s