

## Technical Data Sheet

# AP50KS-FZ

High preservability, non-BPA grade for cash register- and ATM receipt use.

Very good resistance against heat, plasticizers, oil, fat and water.

Produced without using Bisphenol A.

### Paper Properties

Item	Unit	Value	Test method
Basis Weight	g/m <sup>2</sup>	55.0 ± 4.0	ISO 536
Thickness	µm	63 ± 5	ISO 534
Moisture	%	6.0 ± 1.0	ISO 287
Smoothness, Bekk	s	min. 450	ISO 5627
ISO-Brightness	%	min. 80	ISO 2470
Tensile strength (MD)	kN/m	min. 2.5	ISO 1924-3
Tensile strength (CD)	kN/m	min. 1.5	ISO 1924-3
Tear strength (MD)	mN	min. 260	ISO 1974
Tear strength (CD)	mN	min. 260	ISO 1974

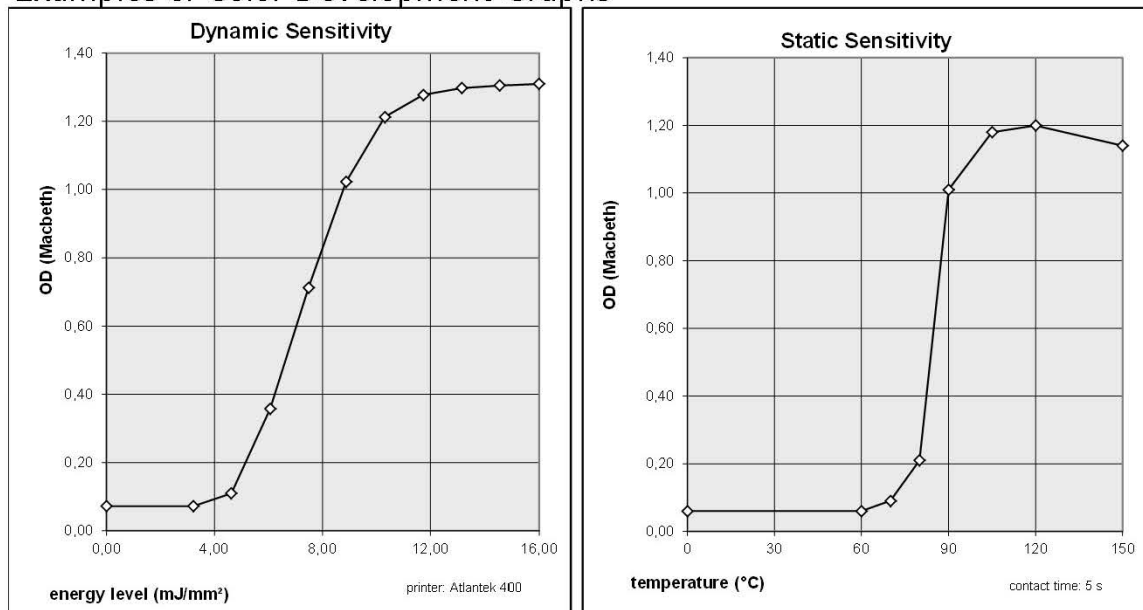
### Image Properties

Item	Unit	Value	Test method
Image color	-	black	
Dynamic sensitivity	• ... ••••	•••	•••• =highest sensitivity
Maximum density	• ... ••••	•••	

### Stability Properties

Item	Unit	Value	Circumstances
<b>Heat resistance:</b>			<b>60 °C, 24 h</b>
Background	OD	max. 0.15	
Image loss	OD	max. 10%	
<b>Humidity resistance:</b>			<b>40 °C, 90 % RH, 24 h</b>
Background	OD	max. 0.20	
Image loss	OD	max. 10%	
<b>Light resistance:</b>			<b>5000 lux, 100 h</b>
Background	OD	max. 0.20	
Image loss	OD	max. 10%	
<b>Stability of image</b>		10 years	<b>correct storage for thermal papers</b>

### Examples of Color Development Graphs



The data can be revised without prior notification. Updated 20.9.2013

