

Technical Data Sheet

AP15KT-M

Top-coated grade for demanding ticket use.

Superior barrier against plasticizers, oil, fat and solvents. Good resistance against heat and UV-light.

Produced without using Bisphenol A and Bisphenol S.

Paper Properties

Item	Unit	Value	Test method
Basis Weight	g/m ²	170.0 ± 10.0	ISO 536
Thickness	µm	180 ± 10	ISO 534
Moisture	%	7.0 ± 1.0	ISO 287
Smoothness, PPS 10	µm	< 1.8	ISO 8791-4
ISO-Brightness	%	min. 82	ISO 2470
Tensile strength (MD)	kN/m	min. 8.0	ISO 1924-3
Tensile strength (CD)	kN/m	min. 4.5	ISO 1924-3
Tear strength (MD)	mN	min. 800	ISO 1974
Tear strength (CD)	mN	min. 1000	ISO 1974

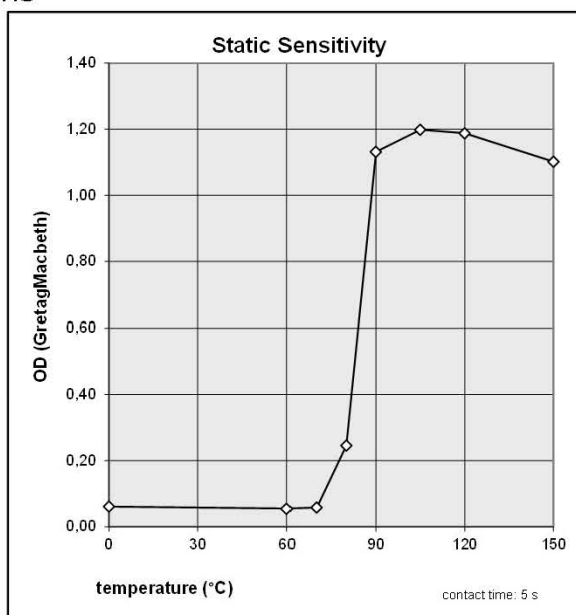
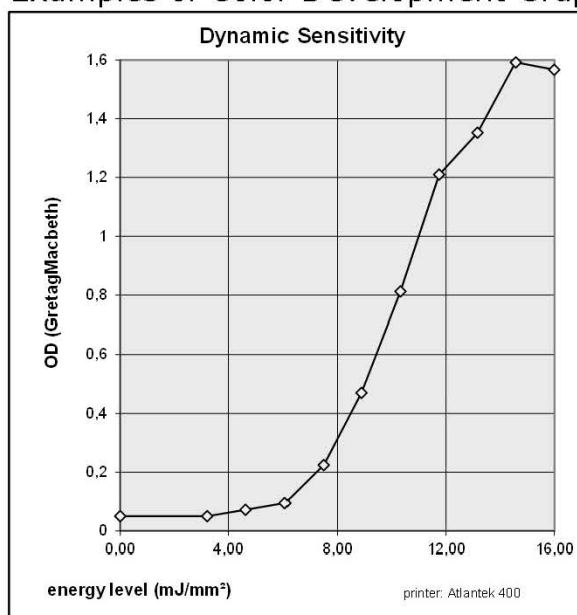
Image Properties

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

Stability Properties

Item	Unit	Value	Circumstances
Heat resistance:			60 °C, 24 h
Background	OD	max. 0.15	
Image loss	OD	max. 10%	
Humidity resistance:			40 °C, 90 % RH, 24 h
Background	OD	max. 0.15	
Image loss	OD	max. 10%	
Light resistance:			5000 lux, 100 h
Background	OD	max. 0.20	
Image loss	OD	max. 10%	
Stability of image		12 years	correct storage for thermal papers

Examples of Color Development Graphs



The data can be revised without prior notification. Updated 27.11.2015

