

Technical Data Sheet AP45KS-D



Standard grade.

Paper Properties

Item	Unit	Value	Test method
Basis Weight	g/m ²	48.0±4.0	ISO 536
Thickness	µm	55±4	ISO 534
Moisture	%	6.0±1.0	ISO 287
Smoothness, Bekk	s	min. 350	ISO 5627
ISO-Brightness	%	min. 80	ISO 2470
Tensile strength (MD)	kN/m	min. 2.1	ISO 1924-2
Tensile strength (CD)	kN/m	min. 1.1	ISO 1924-2
Tear strength (MD)	mN	min. 200	ISO 1974
Tear strength (CD)	mN	min. 220	ISO 1974

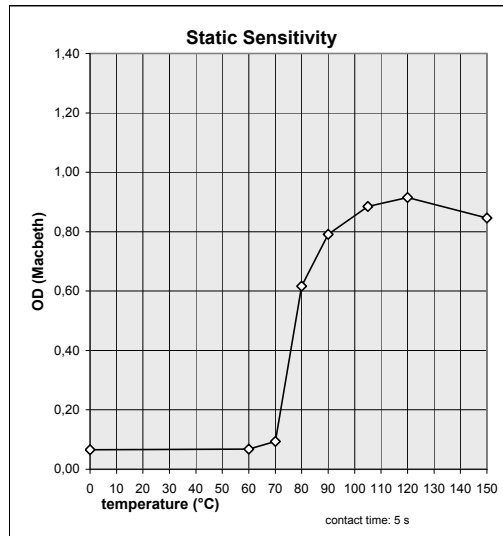
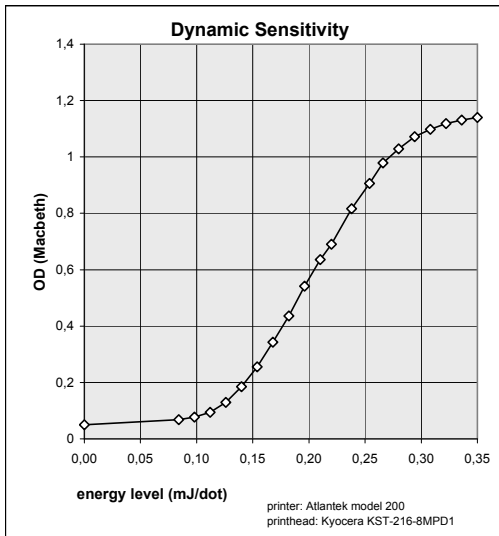
Image Properties

Item	Unit	Value	Test method
Image color	-	black	
Dynamic sensitivity	OD	1.00±0.10	0.28 mJ/dot
Maximum density	OD	1.15 ≥ 1.10	

Stability Properties

Item	Unit	Value	Circumstances
Heat resistance:			60 °C, 24 h
Background	OD	max. 0.20	
Image loss	OD	max. 20%	
Humidity resistance:			40 °C, 90 % RH, 24 h
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

Examples of Color Development Graphs



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