

Technical Data Sheet

AP18KM-A tentative



High resolution. Improved heat and surface properties for better pre-printing results.

Paper Properties

Item	Unit	Value	Test method
Basis Weight	g/m ²	205.0±10.0	ISO 536
Thickness	µm	210±10	ISO 534
Moisture	%	6.0±1.0	ISO 287
Smoothness, Bekk	s	min. 60	ISO 5627/ TAPPI T 479
ISO-Brightness	%	min. 80	ISO 2470
Tensile strength (MD)	kN/m	min. 8.0	ISO 1924-2
Tensile strength (CD)	kN/m	min. 4.5	ISO 1924-2
Tear strength (MD)	mN	min. 1000	ISO 1974
Tear strength (CD)	mN	min. 1200	ISO 1974

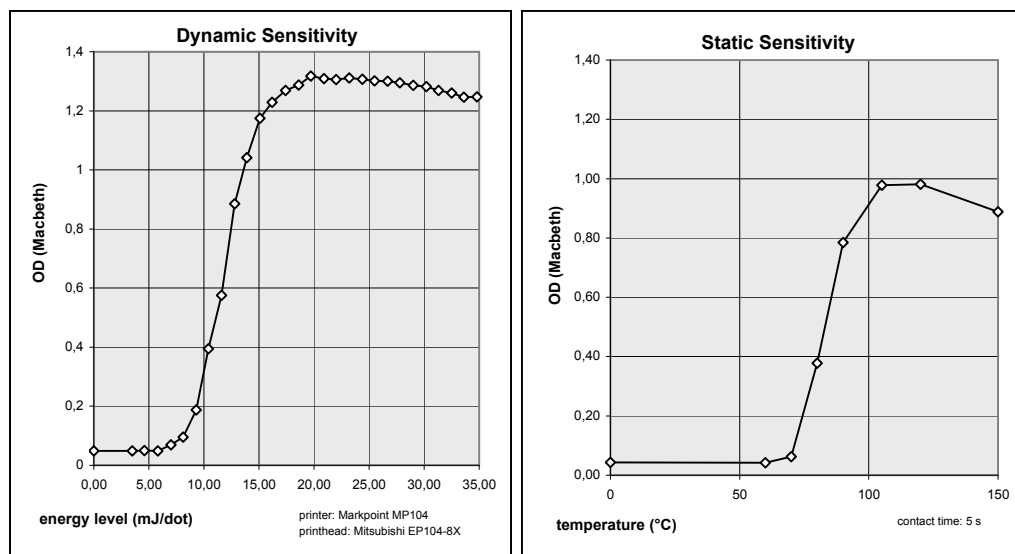
Image Properties

Item	Unit	Value	Test method
Image color	-	black	
Dynamic sensitivity	OD	1.28±0.05	23.2 mJ/mm ²
Maximum density	OD	1.33±0.10	

Stability Properties

Item	Unit	Value	Circumstances
Heat resistance:			60 °C, 24 h
Background	OD	max. 0.20	
Image loss	OD	max. 25%	
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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