

Technical Data Sheet

AP62KM-ID tentative



Improved surface properties for better pre-printing results.
Excellent preservability, stability and resistance against plastisizers, oil, fat and water.

Paper Properties

Item	Unit	Value	Test method
Basis Weight	g/m ²	75.0±5.0	SCAN-P6 / ISO 536
Thickness	µm	83±5	SCAN-P7 / ISO 534
Moisture	%	6.0±1.0	SCAN-P4 / ISO 287
Smoothness, Bekk	s	min. 350	TAPPI T 479 / ISO 5627
ISO-Brightness	%	min. 80	ISO 2470
Tensile strength (MD)	kN/m	min. 4.4	SCAN-P38 / ISO 1924-2
Tensile strength (CD)	kN/m	min. 2.2	SCAN-P38 / ISO 1924-2
Tear strength (MD)	mN	min. 330	SCAN-P11 / ISO 1974
Tear strength (CD)	mN	min. 370	SCAN-P11 / ISO 1974

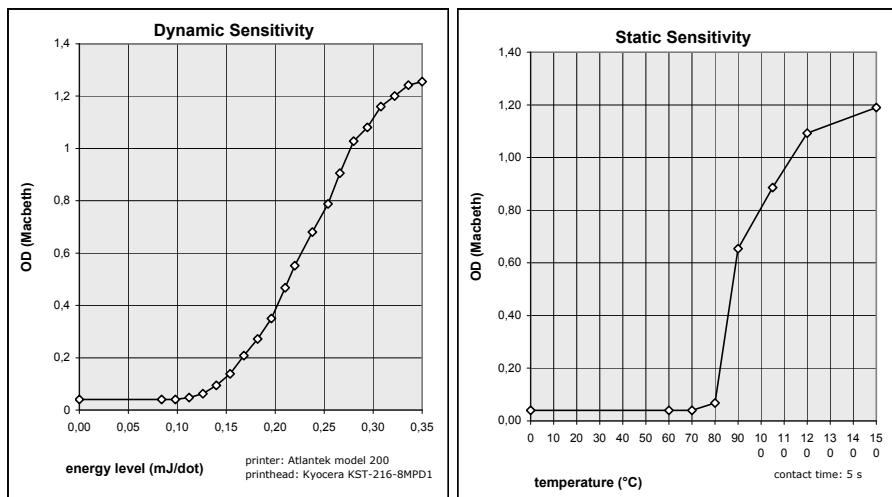
Image Properties

Item	Unit	Value	Test method
Image color	-	black	
Dynamic sensitivity	OD	1,05 ≥ 0,95	0.28 mJ/dot
Maximum density	OD	1,25 ≥ 1,15	

Stability Properties

Item	Unit	Value	Circumstances
Heat resistance:			60 °C, 24 h
Background	OD	max. 0.20	
Image loss	OD	max. 10%	
Humidity resistance:			40 °C, 90 % RH, 24 h
Background	OD	max. 0.20	
Image loss	OD	max. 10%	
Light resistance:			5000 lux, 100 h
Background	OD	max. 0.20	
Image loss	OD	max. 10%	
Stability of image & printability		20 years	correct storage for thermal papers

Examples of Color Development Graphs



Jujo Thermal Ltd.
P.O. Box 92
FI-27501 Kauttua, Finland

Tel. +358 (0)10 303 200
Fax +358 (0)10 303 2419
www.jujothermal.com

Domicile: Eura
Business ID: 0842018-1

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