



Ultra high preservability, non-phenol grade for demanding cash register and specialty document use. Extremely high stability and resistance against plasticizers, oil, fat and water. Produced without using phenolbased developers.

PAPER PROPERTIES

ITEM	UNIT (SI)	VALUE (SI)	UNIT (US)	VALUE (US)	TEST METHOD
Grammage	g/m ²	55 ± 4	17x22 - 500 lbs	14.6 ± 1.1	ISO 536
Thickness	µm	63 ± 5	mils	2.5 ± 0.2	ISO 534
Moisture	%	6.0 ± 1.0			ISO 287
Tensile strength (MD)	kN/m	min. 2.5	lbf/in	min. 14.3	ISO 1924-3
Tensile strength (CD)	kN/m	min. 1.5	lbf/in	min. 8.6	ISO 1924-3
Tear strength (MD)	mN	min. 260	gf	min. 26.5	ISO 1974
Tear strength (CD)	mN	min. 260	gf	min. 26.5	ISO 1974
Brightness	%	min. 80			ISO 2470
Smoothness BEKK	s	min. 250			

IMAGE PROPERTIES

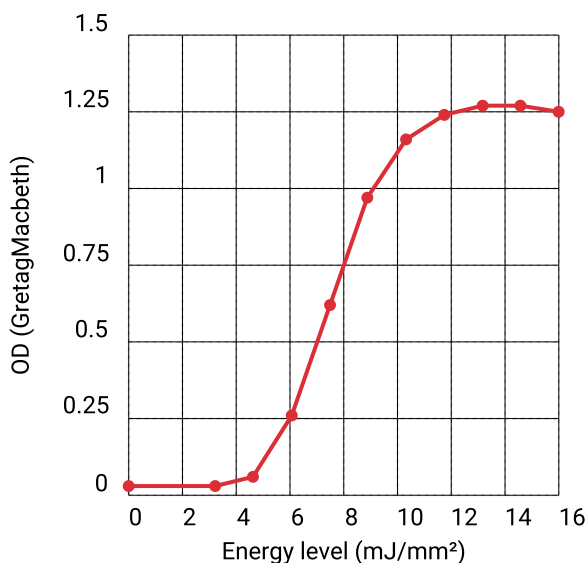
ITEM	UNIT	VALUE	TEST METHOD
Image color		black	
Dynamic sensitivity	• - •••	••	•••• = highest sensitivity
Maximum density	• - •••	••	

STABILITY PROPERTIES

ITEM	UNIT	VALUE	CIRCUMSTANCES
Heat resistance background	OD	max. 0.20	60 °C, 24 h
Heat resistance image loss	OD%	max. 10	
Humidity resistance background	OD	max. 0.20	40 °C, 90% rh, 24 h
Humidity resistance image loss	OD%	max. 10	
Light resistance background	OD	max. 0.20	5000 lux, 100 h
Light resistance image loss	OD%	max. 10	
Image stability	years	min. 25	Correct storage for thermal papers

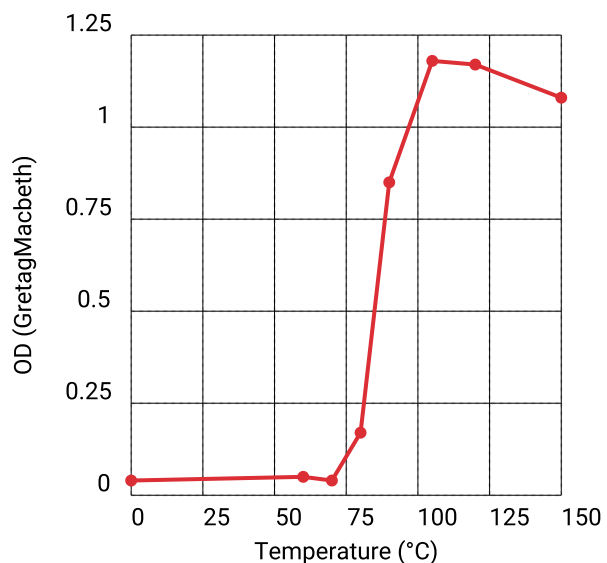
EXAMPLES OF COLOR DEVELOPMENT GRAPHS

DYNAMIC SENSITIVITY



Printer: Atlantek 400

STATIC SENSITIVITY



Contact time: 5s