

JujoP-KSND-44

Non-phenol grade for cash register- and ATM receipt use. Good resistance against heat, plasticizers, oil, fat and water. Produced without using phenolbased developers.

Paper properties

PROPERTY	VALUE (SI)		VALUE (US)		TEST METHOD
Grammage	44 ± 4	g/m ²	11.7 ± 1.1	17x22 - 500 lbs	ISO 536
Thickness	51 ± 4	µm	2.01 ± 0.16	mils	ISO 534
Moisture	6.0 ± 1.0	%			ISO 287
Tensile strength (MD)	≥ 2.1	kN/m	≥ 12.0	lbf/in	ISO 1924-3
Tensile strength (CD)	≥ 1.0	kN/m	≥ 5.7	lbf/in	ISO 1924-3
Tear strength (MD)	≥ 200	mN	≥ 20.4	gf	ISO 1974
Tear strength (CD)	≥ 220	mN	≥ 22.4	gf	ISO 1974
Brightness	≥ 80	%			ISO 2470
Smoothness BEKK	≥ 350	s			ISO 5627

Image properties

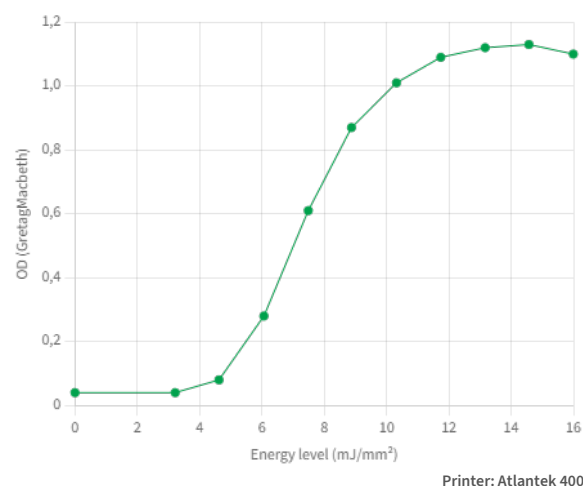
PROPERTY	VALUE		TEST METHOD
Image color	black		
Dynamic sensitivity	•••	• - •••	•••• = highest sensitivity
Maximum density	•	• - •••	•••• = highest sensitivity

Stability properties

PROPERTY	VALUE		CIRCUMSTANCES
Heat resistance background	0.20	OD	60 °C, 24 h
Heat resistance image loss	20	OD%	
Humidity resistance background	0.20	OD	40 °C, 90% rh, 24 h
Humidity resistance image loss	20	OD%	
Light resistance background	0.20	OD	5000 lux, 100 h
Light resistance image loss	10	OD%	
Image stability	≥ 10	years	Correct storage for thermal papers

Examples of color development graphs

Dynamic sensitivity



Static sensitivity

