

JujoP-KSND-48

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

Paper properties

PROPERTY	VALUE (SI)		VALUE (US)		TEST METHOD
Grammage	48 ± 4	g/m ²	12.8 ± 1.1	17x22 - 500 lbs	ISO 536
Thickness	55 ± 4	µm	2.17 ± 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)	≥ 1.1	kN/m	≥ 6.3	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

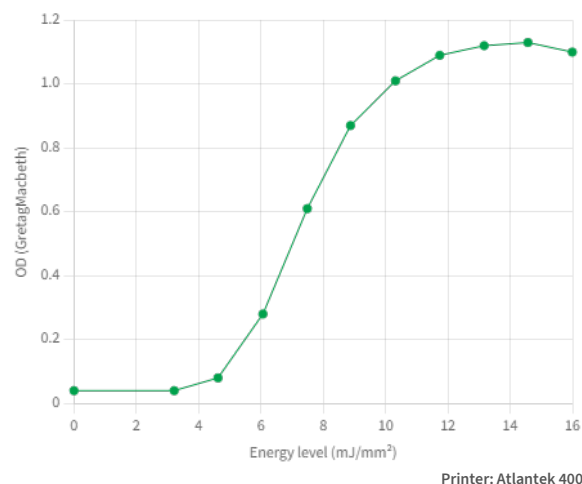
PROPERTY	VALUE	TEST METHOD
Image color	black	
Dynamic sensitivity	••• • - ••••	•••• = highest sensitivity
Maximum density	• • - ••••	•••• = highest sensitivity

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

