

# RB-3

- Thermal paper without any phenolic compound
- Standard sensitivity for print speed up to 200 mm/s (8 IPS)
- Premium Top protection with back barrier
- Standard resolution (200 DPI)
- Excellent fanfold properties
- Long image durability



## ○ PAPER PROPERTIES

Item	Unit	Specification			Test method
		Target	Min	Max	
Basis weight	g/m <sup>2</sup>	84	79	89	ISO 536
Thickness	µm	82	77	87	ISO 534
Tensile strength	MD	kN/m	4.80		ISO 1924
	CD	kN/m	2.50		
Tear strength	MD	mN	400		ISO 1974
	CD	mN	460		
Stiffness (Lorentzen)	MD	mNm	0.28	0.24	ISO 2493
	CD	mNm	0.18	0.14	
PPS	Recto	µm		1.70	ISO 8791-4
CIE Whiteness	Face	%	105		ISO 11475
D65 Brightness	Face	%	87		ISO 2470-2
Opacity		%	87		ISO 2471
Moisture		%		7.50	ISO 287/2009



Bank statements



Invoices

## ○ CERTIFICATES / REGULATIONS / DIRECTIVES

- RoHS
- WEEE
- 2003/11/EC
- 2000/53/EC
- 76/769/EEC
- ISO EN71-3
- REACH
- Indirect food contact

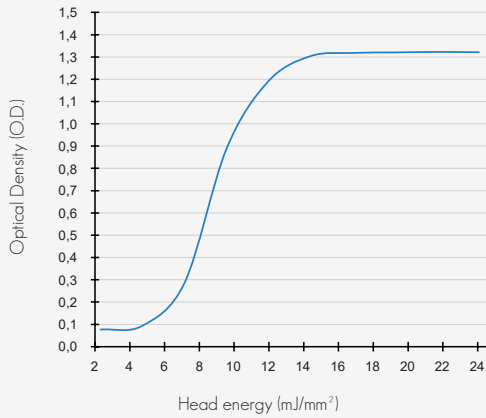


The mark of responsible forestry

## SENSITIVITY PROFILE

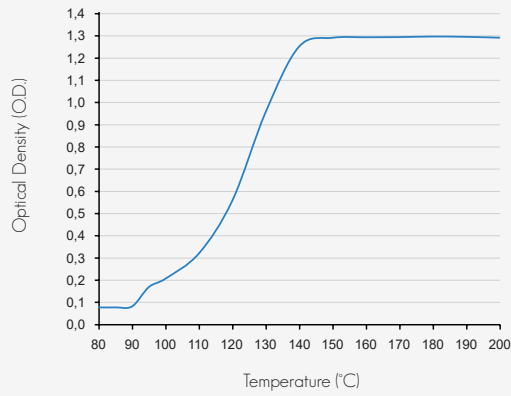
### Dynamic thermosensitivity

Printed on a Datamax MP Nova 4 DT at a printing speed of 200 mm/s



### Static thermosensitivity

Test carried out on a heat gradient Tester TOYOSEKI



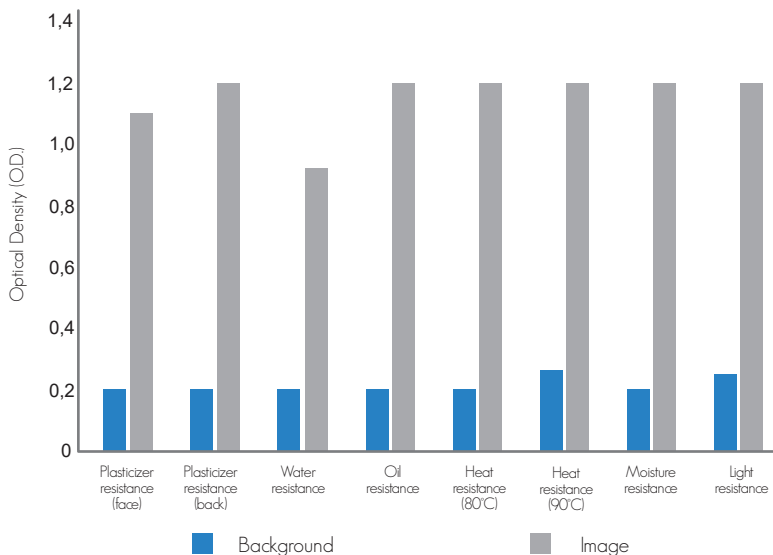
## PRINTING PROPERTIES

	Item	Unit	Specification		Test method
			Min	Max	
Printing	Color		Black		Visual inspection
	Dynamic density	O.D.	1,33		RIF IPO153 / IPO151
	Background density	O.D.	0,12		RIF IPO101
Matching	Distance without abrasion	km	100		RIF RPO101
	Dynamic density	O.D.	1,25		RIF IPO153



- January 2026 -

## PRESERVATION PROPERTIES



Item	Test method
Plasticizer resistance (face)	RIF PPO111
Plasticizer resistance (back)	RIF PPO106
Water resistance	RIF PPO115
Oil resistance	RIF PPO101
Heat resistance (80°C)	RIF PPO114
Heat resistance (90°C)	
Moisture resistance	RIF PPO112
Light resistance	RIF PPO113