

RI-5

- HIGH SENSITIVE THERMAL PAPER.
- PREMIUM-TOP THERMAL PAPER.
- HIGH RESOLUTION GRADE 300 DPI.
- FOR PRINT SPEED UP TO 300 MM/s (12 IPS).



○ PAPER PROPERTIES

Item	Unit	Specification			Test method	
		Target	Min	Max		
Basis weight	g/m ²	76	71	81	ISO 536	
Thickness	µm	75	70	80	ISO 534	
Tensile strength	MD	kN/m	4.70		ISO 1924	
	CD	kN/m	2.30			
Tear strength	MD	mN	325		ISO 1974	
	CD	mN	370			
Stiffness (Lorentzen)	MD	mNm	0.24	0.20	0.28	ISO 2493
	CD	mNm	0.14	0.10	0.18	
PPS	Recto	µm			1.70	ISO 8791-4
CIE Whiteness	Face	%	105			ISO 11475
D65 Brightness	Face	%	87			ISO 2470-2
Opacity		%	86			ISO 2471
Moisture		%			7.50	ISO 287/2009

○ 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

The data in this specification sheet represent averages, they are used for reference only and could be modified without notice.

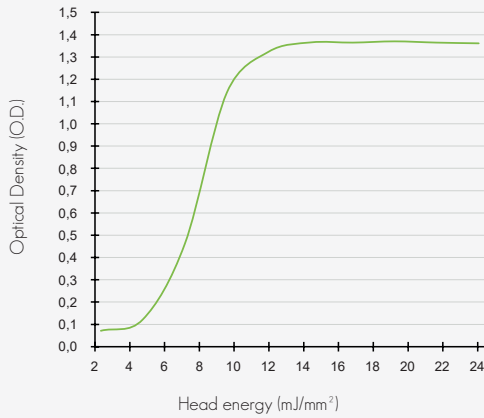


Invoices

SENSITIVITY PROFILE

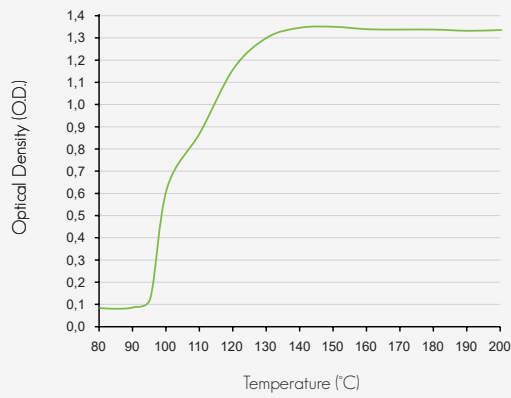
Dynamic thermosensitivity

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



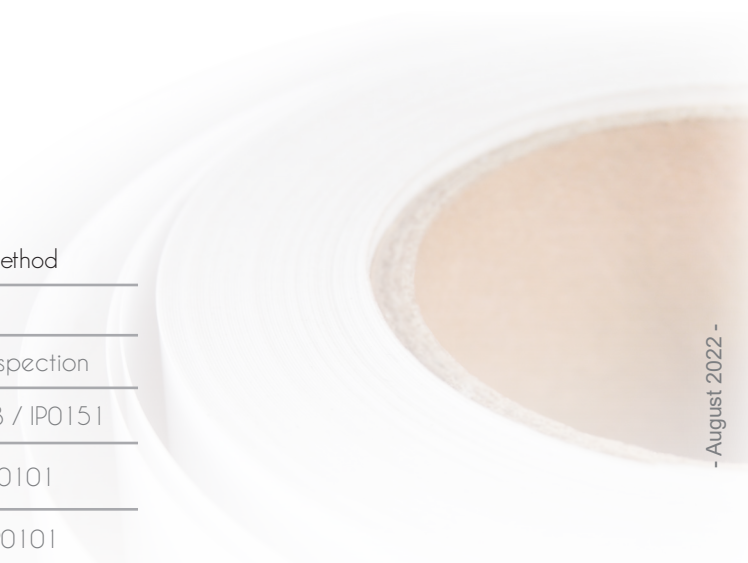
Static thermosensitivity

Test carried out on a heat gradient Tester TOYOSEKI



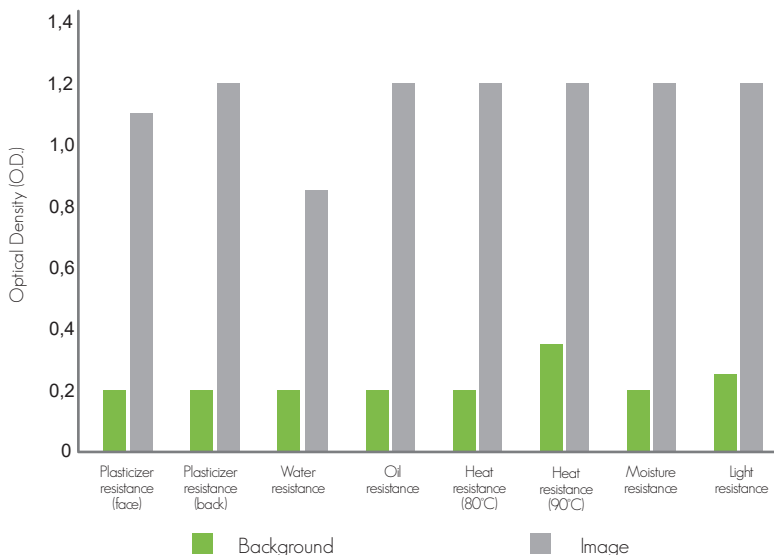
PRINTING PROPERTIES

	Item	Unit	Specification		Test method
			Min	Max	
Printing	Color		Black		Visual inspection
	Dynamic density	O.D.	1,38		RIF IPO153 / IPO151
	Background density	O.D.		0,12	RIF IPO101
Matching	Distance without abrasion	km	100		RIF RPO101
	Dynamic density	O.D.	1,30		RIF IPO153



- August 2022 -

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