

# 130 LSB-RG

- THERMAL PAPER WITHOUT ANY PHENOLIC COMPOUNDS.
- STANDARD<sup>Ⓞ</sup> SENSITIVE THERMAL PAPER.
- SEMI-TOP QUALITY WITH TOP COAT.
- STANDARD RESOLUTION GRADE 200 DPI.
- FOR STANDARD PRINT SPEED UP TO 200 MM/S (8 IPS).



## ○ PAPER PROPERTIES

Item	Unit	Specification			Test method
		Target	Min	Max	
Basis weight	g/m <sup>2</sup>	80	77	83	ISO 536
Thickness	μm	80	77	83	ISO 534
Tensile strength	MD	kN/m			ISO 1924
	CD	kN/m			
Tear strength	MD	mN			ISO 1974
	CD	mN			
Stiffness (Lorentzen)	MD	0,26	0,22	0,30	ISO 2493
	CD	0,16	0,12	0,20	
PPS	Face	μm			ISO 8791-4
CIE Whiteness	Face	%			ISO 11475
D65 Brightness	Face	%			ISO 2470-2
Opacity	%		87		ISO 2471
Moisture	%		7,50		ISO 287/2009



Lottery / Gambling

## ○ CERTIFICATES / REGULATIONS / DIRECTIVES

- RoHS
- WEEE
- 2003/11/EC
- 2000/53/EC
- 76/769/EEC
- REACH
- FSC
- Qualification Diebold Nixdorf

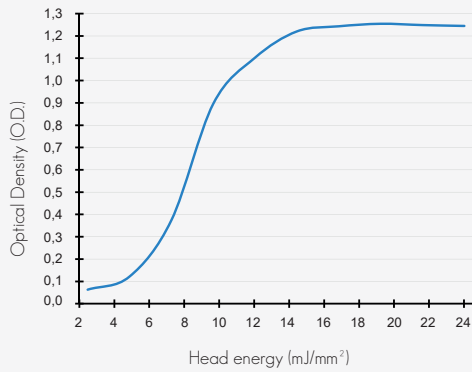


The mark of responsible forestry

## SENSITIVITY PROFILE

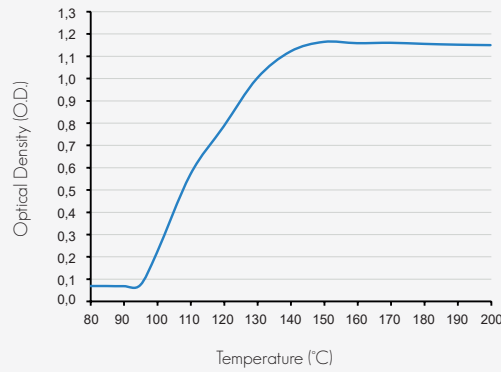
### Dynamic thermosensitivity

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



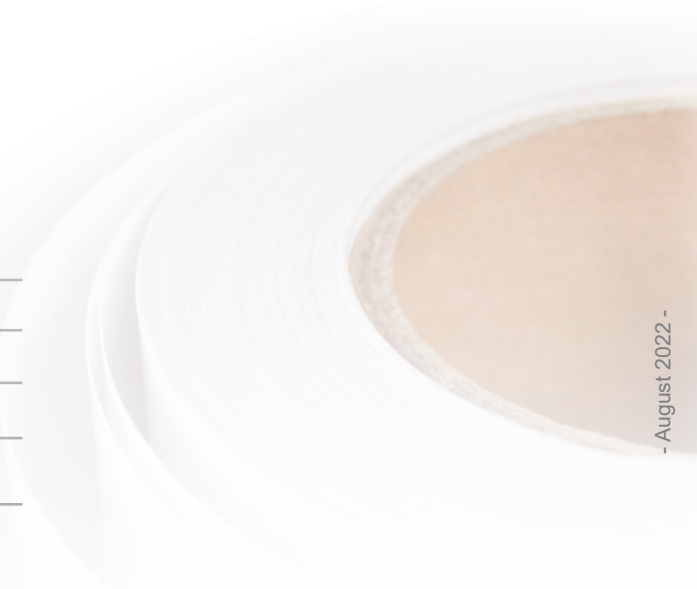
### Static thermosensitivity

Test carried out on a heat gradient Tester TOYOSEKI



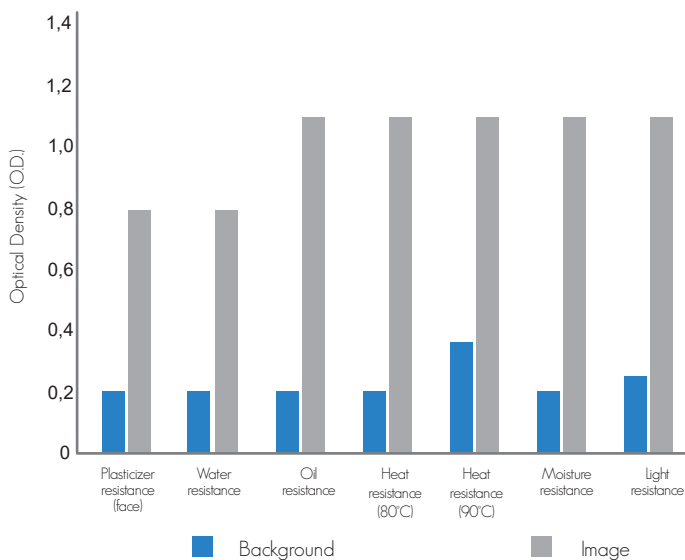
## PRINTING PROPERTIES

	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



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## PRESERVATION PROPERTIES



Item	Test method
Plasticizer resistance (face)	RIF PPO111
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