

# 150 UT

150 µm

- HIGH SENSITIVE THERMAL CARDBOARD.
- PREMIUM-TOP THERMAL CARDBOARD.
- 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 <sup>2</sup>	143	130	156	ISO 536
Thickness	µm	145	131	159	ISO 534
Tensile strength	MD	kN/m	5.20		ISO 1924
	CD	kN/m	3.30		
Tear strength	MD	mN	590		ISO 1974
	CD	mN	790		
Smoothness	Face	s	200		ISO 5627
D65 Brightness	Face	%	70		ISO 2470-2
Moisture		%		7.50	ISO 287/2009



Tags



Entertainment



Transportation

## ○ CERTIFICATES / REGULATIONS / DIRECTIVES

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



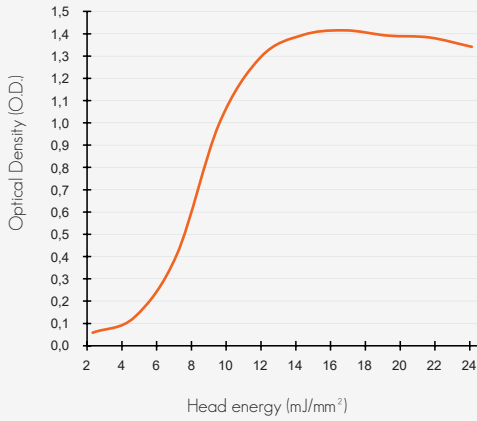
The mark of responsible forestry

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

## SENSITIVITY PROFILE

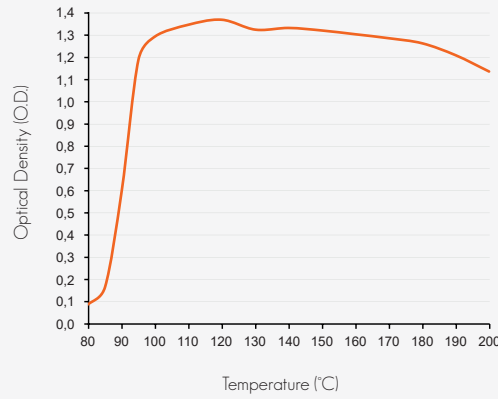
### Dynamic thermosensitivity

Printed on a Markpoint MP 104 T at a printing speed of 200 mm/s



### Static thermosensitivity

Test carried out on a heat gradient Tester TOYOSEKI



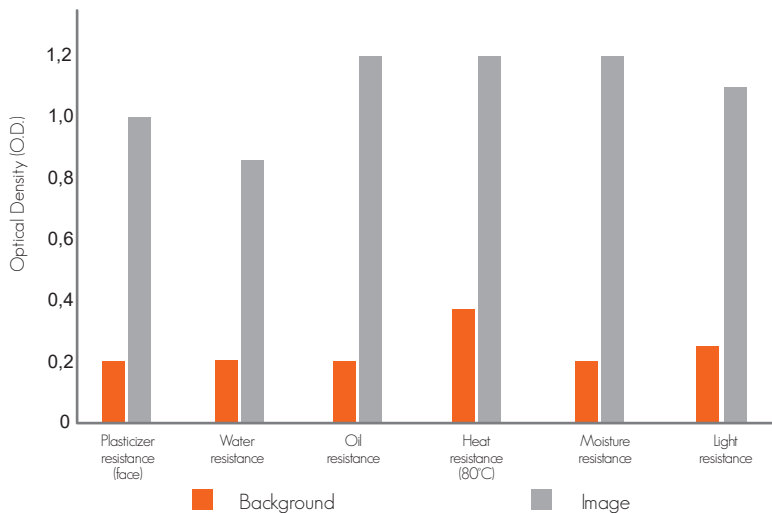
## PRINTING PROPERTIES

Item	Specification		Test method
	Min	Max	
Image color	Black		Visual inspection
Dynamic image density	1.28		RIF IPO153 / IPO154
Background density	0.12		RIF IP101



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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
Moisture resistance	RIF PPO112
Light resistance	RIF PPO113