

# 150 LL PF

- THERMAL PAPER DEDICATED TO LINERLESS APPLICATIONS.
- TOP LAYER OPTIMISED FOR HIGH SILICONING PERFORMANCE.



## ○ PAPER PROPERTIES

Item	Unit	Specification			Test method
		Target	Min	Max	
Basis weight	g/m <sup>2</sup>	73	68	78	ISO 536
Thickness	µm	73	68	78	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	ISO 2493
	CD	mNm	0.14	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



Price/ Weight Label



Deep freeze



Linerless

## ○ CERTIFICATIONS / REGULATIONS / DIRECTIVES

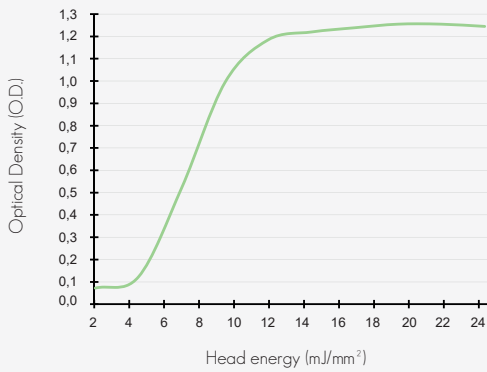
- RoHS
- WEEE
- 2003/11/EC
- 2000/53/EC
- 76/769/EEC
- REACH
- Contact alimentaire indirect



## SENSITIVITY PROFILE

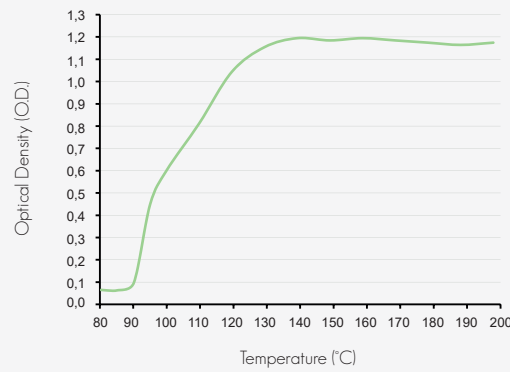
### Dynamic thermosensitivity

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



### Static thermosensitivity

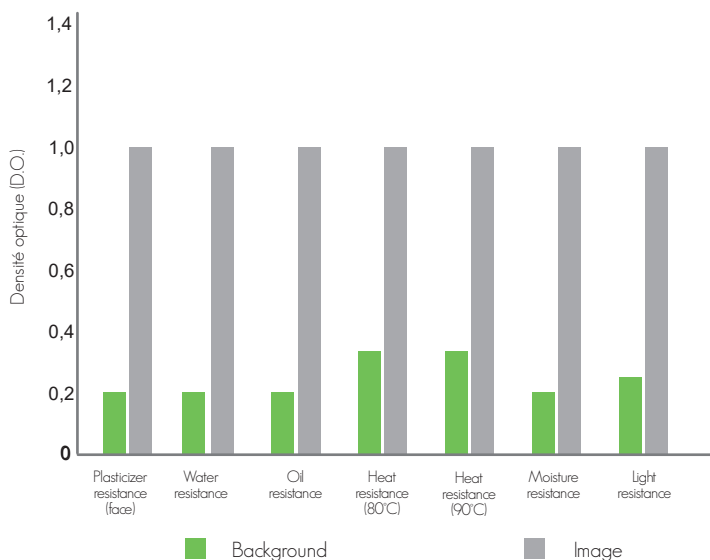
Test carried out on a heat gradient Tester TOYOSEIKI



## PRINTING PROPERTIES

Item	Specification		Test method
	Min	Max	
Image color	Black		Visual inspection
Dynamic density	D.O.	1,20	RIF IPO151 / IPO153
Background density	D.O.	0,12	RIF IPO101

## 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

- February 2023 -