

# 150 UTB PF

- Thermal paper without any phenolic compound
- High sensitivity for print speed up to 300 mm/s (12 IPS)
- Premium top protection with back barrier
- High resolution (300 DPI)



## • PAPER PROPERTIES

Item	Unit	Specification			Test method
		Target	Min	Max	
Basis weight	g/m <sup>2</sup>	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	ISO 2493
	CD	mNm	0.14	0.18	
PPS	Face	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 labels



Deep freeze



Loteria / Gambling



Linerless

## • CERTIFICATES / REGULATIONS / DIRECTIVES

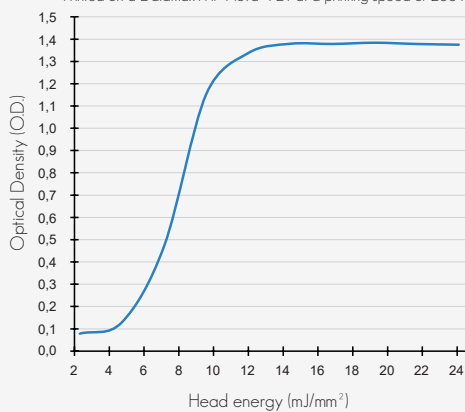
- RoHS
- WEEE
- 2003/111/EC
- 2000/53/EC
- 76/769/EEC
- ISO EN71-3
- REACH
- Indirect food contact



## SENSITIVITY PROFILE

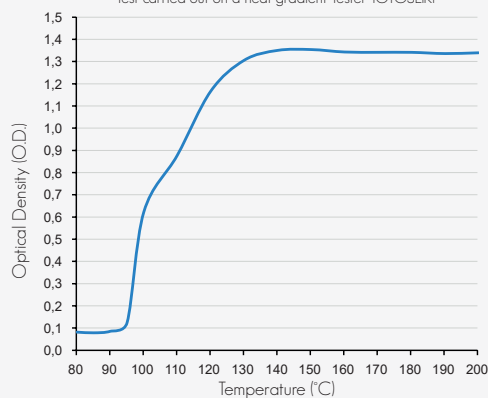
### Dynamic thermosensitivity

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



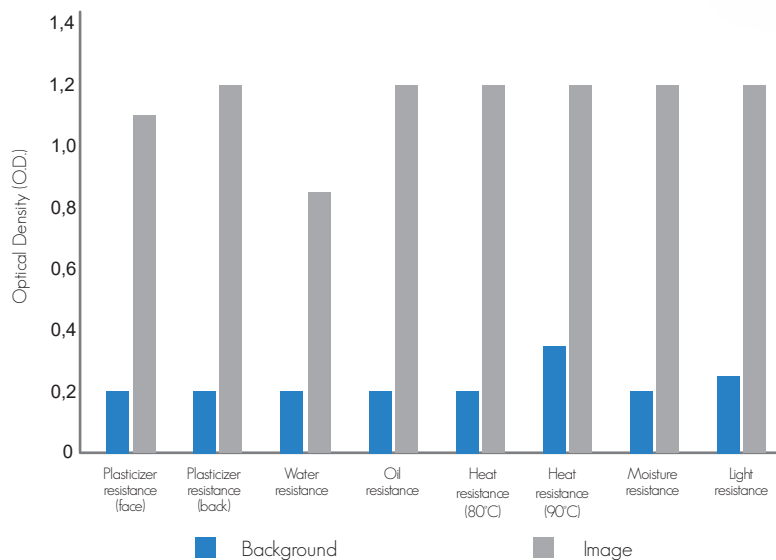
## PRINTING PROPERTIES

	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



- 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