150 LLB PF

- Thermal paper without any phenolic compound
- Especially designed for Linerless applications
- Top layer optimised for high siliconing performance
- Back barrier for maximum adhesive compatibility
- High sensitivity (12 IPS) and high image resolution (300 DPI)

PHENOL FREE

PAPER PROPERTIES

Item		Unit	Specification			Test method
			Target	Min	Max	
Basis weight		g/m²	74	68	78	ISO 536
Thickness		µm	74	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	0.28	ISO 2493
	CD	mNm	0.14	0.10	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

Linerless

Linerless

CERTIFICATES / REGULATIONS / DIRECTIVES

- RoHS
- WEEE
- 2003/11/EC
- 2000/53/EC
- 76/769/EEC
- ISO EN71-3
- REACh
- Indirect food contact

sqts swiss quality testing services

afaq ISO 9001 ISO 14001 Qualité Environnement AFNOR CERTIFICATION

AEO

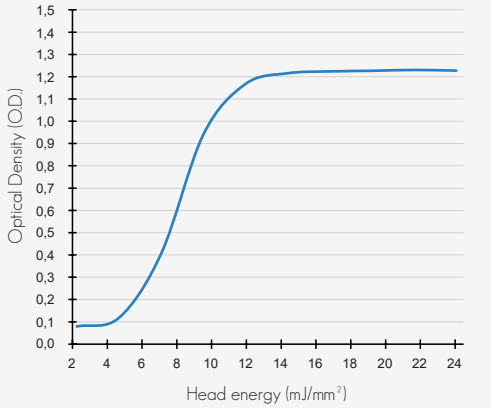
FSC www.fsc.org FSC® C001858 The mark of responsible forestry

RICOH imagine. change.

SENSITIVITY PROFILE

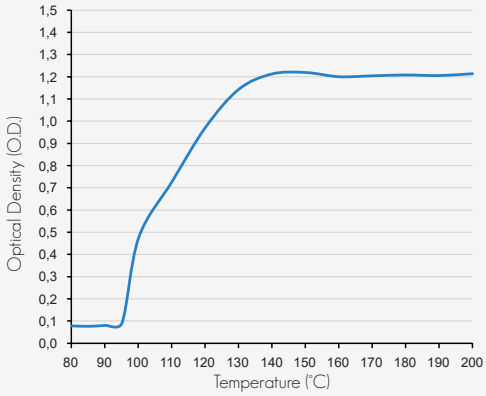
Dynamic thermosensitivity

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

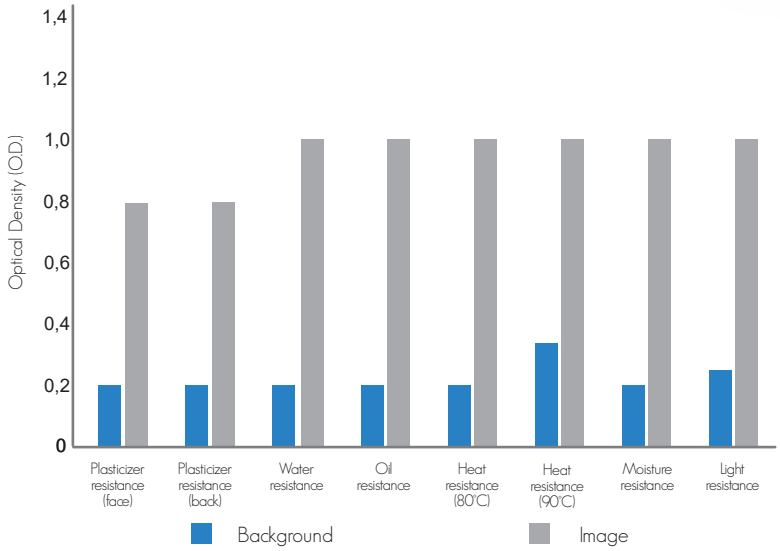


PRINTING PROPERTIES

	Item	Unit	Specification Min	Specification Max	Test method
Printing	Color		Black		Visual inspection
	Dynamic density	O.D.	1,20		RIF IP0153 / IP0151
	Background density	O.D.		0,12	RIF IP0101

- January 2026 -

PRESERVATION PROPERTIES



Item	Test method
Plasticizer resistance (face)	RIF PP0111
Plasticizer resistance (back)	RIF PP0106
Water resistance	RIF PP0115
Oil resistance	RIF PP0101
Heat resistance (80°C)	RIF PP0114
Heat resistance (90°C)	
Moisture resistance	RIF PP0112
Light resistance	RIF PP0113