

# 150 LHB

- HIGH SENSITIVE THERMAL PAPER.
- PREMIUM TOP THERMAL PAPER WITH A BACK COAT.
- LONG IMAGE DURABILITY.
- 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> | 79            | 71   | 87  | ISO 536     |
| Thickness        | µm               | 190           | 175  | 205 | ISO 534     |
| Tensile strength | MD               | kN/m          | 6.50 |     | ISO 1924    |
|                  | CD               | kN/m          | 4.00 |     |             |
| Tear strength    | MD               | mN            | 885  |     | ISO 1974    |
|                  | CD               | mN            | 980  |     |             |
| Smoothness       | Face             | s             | 200  |     | ISO 5627    |
| D65 Brightness   | Face             | %             | 70   |     | ISO 2470-2  |



Price/ Weight Label



Parking

## ○ CERTIFICATIONS / REGULATIONS / DIRECTIVES

- RoHS
- WEEE
- 2003/111/EC
- 2000/53/EC
- 76/769/EEC
- REACH
- Contact alimentaire indirect

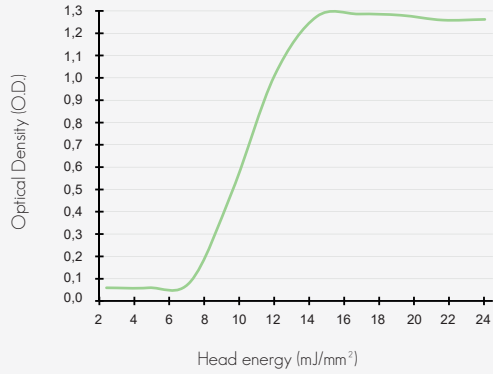


The mark of responsible forestry

## SENSITIVITY PROFILE

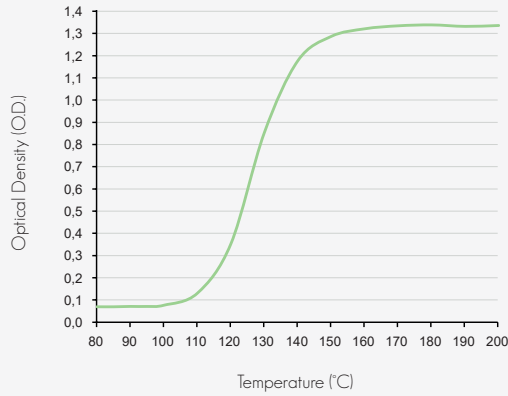
### Dynamic thermosensitivity

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



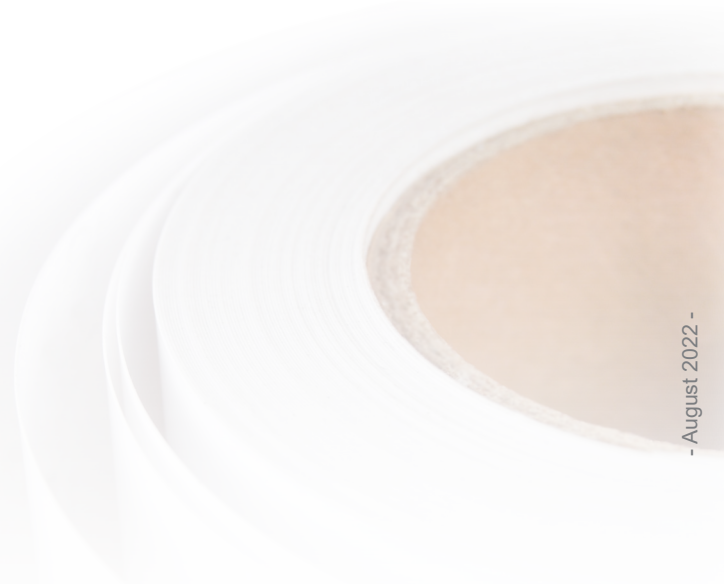
### Static thermosensitivity

Test carried out on a heat gradient Tester TOYOSEKI



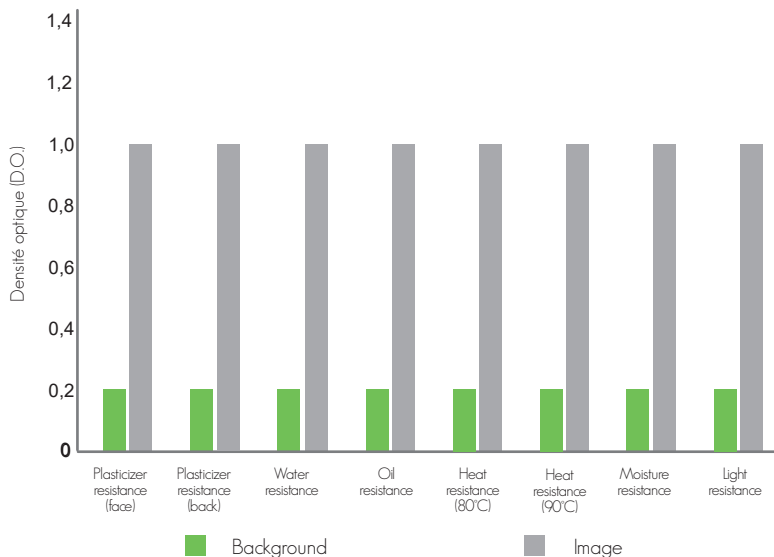
## PRINTING PROPERTIES

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



- August 2022 -

## 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  |