



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24022E

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization
14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan
<https://ecoleaf-label.jp/>

Canon Inc.

Color imageCLASS X LBP1538C(For US)



Functional unit

Per unit product

System boundary

final products intermediate products

Raw Material acquisition, Production, Distribution,
Use & maintenance, and End-of-Life stage

Main specifications of the product

Model name

Color imageCLASS X LBP1538C(For US)

Specifications

- Printer (Electrophotography)
- CL
- Print Speed : Up to 40 ipm (LTR)
- Max paper size : LGL
- Print/Duplex printing
- Weight: approx.25kg(CRG not included)

Company Information

Canon Inc.

30-2, Shimomaruko 3-chome, Ohta-ku,
Tokyo 146-8501, Japan +81-3-3758-2111

| | |
|------------------------------|---|
| Registration# | JR-AI-24022E |
| PCR number | PA-590000-AI-08 |
| PCR name | Imaging input and/or output equipment |
| Publication date | 3/14/2024 |
| Verification date | 3/7/2024 |
| Verification method | System certificaion |
| Verification# | JV-AI-24022 |
| Expiration date | 3/6/2029 |
| PCR review was conducted by: | |
| Approval date | 9/1/2023 |
| PCR review panel chair | Masayuki Kanzaki Sustainable Management Promotion Organization |

Third party verifier*

Hiroyuki Uchida

Independent verification of data & declaration in accordance
with ISO14025

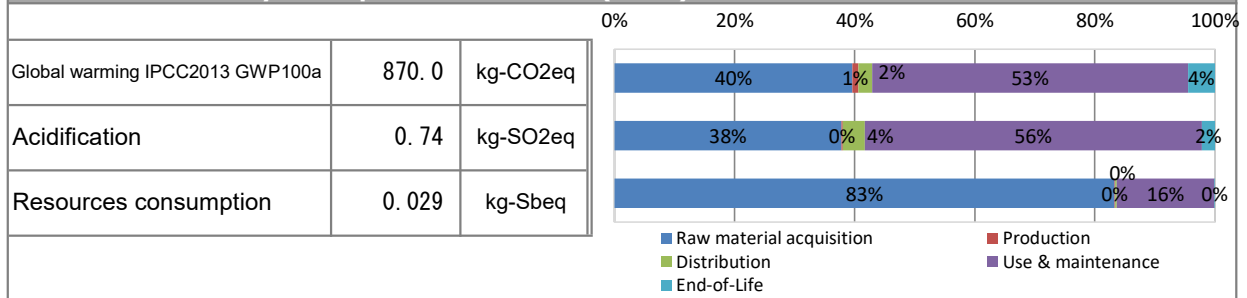
internal external

*Auditor's name is stated if system certification has been performed.

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1. Results of life cycle impact assessment (LCIA)



| Parameter | stage | Unit | Total | Raw material acquisition | Production | Distribution | Use & maintenance | End-of-Life |
|---------------------------------|-------|-----------------------|---------|--------------------------|------------|--------------|-------------------|-------------|
| Global warming IPCC2013 GWP100a | | kg-CO ₂ eq | 8.7E+02 | 3.4E+02 | 8.6E+00 | 2.0E+01 | 4.6E+02 | 3.9E+01 |
| Ozone layer destruction | | kg-CFC-11eq | 1.3E-04 | 3.7E-05 | 2.2E-10 | 3.3E-10 | 9.2E-05 | 3.9E-07 |
| Acidification | | kg-SO ₂ eq | 7.4E-01 | 2.8E-01 | 1.5E-03 | 2.7E-02 | 4.2E-01 | 1.6E-02 |
| Resources consumption | | kg-Sbeq | 2.9E-02 | 2.4E-02 | 2.1E-05 | 8.6E-05 | 4.6E-03 | 2.7E-05 |

2. Life cycle inventory analysis (LCI)

| Parameter | Unit |
|--------------------------------|------------|
| Non-renewable energy resources | 1.4E+04 MJ |
| Renewable primary energy | 2.2E+02 MJ |
| | |
| | |
| | |
| | |

3. Material composition

| Material | Unit |
|-----------------|-------|
| Common Steel | 35 % |
| Stainless Steel | 0.6 % |
| Aluminium | 0.9 % |
| Other Metal | 2.3 % |
| Plastic | 37 % |
| Rubber | 0.3 % |
| Glass | 0.5 % |
| Paper/Wood | 15 % |
| Circuit Board | 7.3 % |
| Others | 1.9 % |

5. Additional explanation

Calculated in the following conditions;

- Printing paper is not considered.
- Expected use period is 5 years.
- The standard scenario for Printer (EP type).
- US market.
- Print volume: 240,000 sheets.
- The applied Energy Star program version is 3.0.



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6-1. Supplementary environmental information

Complies with the EU RoHS Directive (2011/65/EU) and its amendments including 2015/863/EU.
Manufactured at ISO 14001 certified factories.

7. Assumptions of secondary data used

IDEA v2.1.3, and registered data v1.13 of Japan EPD Program by SuMPO are used.

8. Remarks

- For data quantification, please refer to PCR and Rules on quantification and declaration.
- Comparative assertion is permitted only when Rules on quantification and declaration are satisfied.
(Reference URL : <https://ecoleaf-label.jp/regulation/>)

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