



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24107E

Japan EPD Program by SuMPO

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

RICOH COMPANY,LTD

Large format printer(Inkjet)



RICOH IM CW1200H



Functional unit

Per product

System boundary

final products intermediate products

Raw material acquisition, Production, Distribution,
Use & maintenance, End-of-Life

Main specifications of the product

Product name: RICOH IM CW1200 Product destination: JP

Main specifications:

Large format printer(Inkjet)

Print Speed : Black&White 3.3 prints/minute (A1)

Print Speed : Color 1.8 prints/minute (A1)

Maximum Roll Feeder: 610 mm width, 33,000 mm length

Included Units in Assessment : Automatic Document Feeder
Independent verification of data & declaration in accordance with ISO14025

Company Information

RICOH COMPANY,LTD

Tel:(03) 3777-8111

| | |
|------------------------------|---------------------------------------|
| Registration# | JR-AI-24107E |
| PCR number | PA-590000-AI-08 |
| PCR name | Imaging input and/or output equipment |
| Publication date | 5/31/2024 |
| Verification date | 5/15/2024 |
| Verification method | System certificaion |
| Verification# | JV-AI-24107 |
| Expiration date | 5/14/2029 |
| PCR review was conducted by: | |
| Approval date | 9/1/2023 |
| PCR review panel chair | Masayuki Kanzaki (SuMPO) |

Third party verifier*

Hiroyuki Uchida

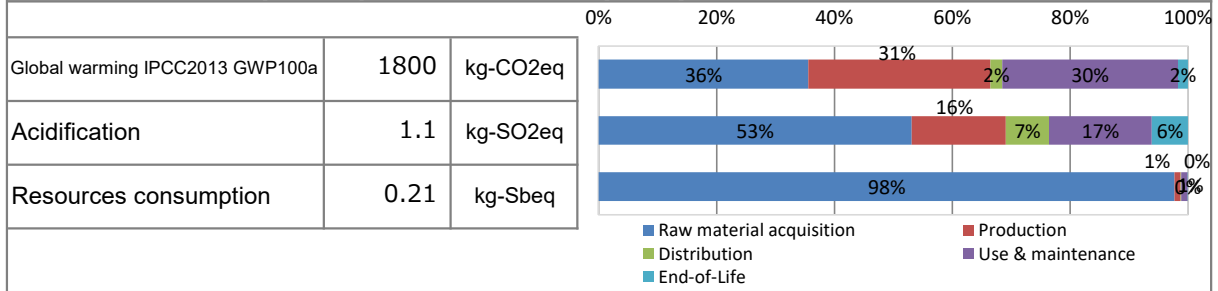
internal external

*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 | 1.8E+03 | 6.5E+02 | 5.6E+02 | 3.7E+01 | 5.4E+02 | 3.1E+01 |
| Acidification | | kg-SO ₂ eq | 1.1E+00 | 6.0E-01 | 1.8E-01 | 8.3E-02 | 2.0E-01 | 7.0E-02 |
| Resources consumption | | kg-Sbeq | 2.1E-01 | 2.0E-01 | 2.2E-03 | 1.5E-04 | 2.3E-03 | 1.0E-04 |

2. Life cycle inventory analysis (LCI)

| Parameter | Unit | Unit |
|----------------------------------|---------|------|
| Non-renewable material resources | 1.0E+02 | kg |
| Renewable material resources | 8.8E+01 | kg |

3. Material composition

| Material | Unit | Unit |
|------------------------|---------|------|
| SUS | 2.8E-01 | kg |
| Aluminum | 2.1E+00 | kg |
| Ordinary steel | 7.8E+01 | kg |
| Other metals | 1.8E+00 | kg |
| Thermoplastic resin | 2.0E+01 | kg |
| Thermosetting resin | 4.0E-01 | kg |
| Glass | 4.5E-01 | kg |
| Rubber | 3.7E-02 | kg |
| Paper | 4.0E+01 | kg |
| Lubricant | 2.3E-03 | kg |
| Mounting circuit board | 2.1E+00 | kg |
| Wood | 0.0E+00 | kg |
| Other material | 9.4E-01 | kg |



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*Data derived from LCA and not assigned to the impact categories of LCIA

5. Additional explanation

Products selected in the scenario used for load calculation

--Large format printer(Inkjet)

- Product destination: JP ※
- Expected usage period: 3 years
- Estimated number of sheets:3600 sheets ※

The calculation is as follows according to PCR 10-4 ③ large format printer (IJ method).

5 sheets/day x 20 days/month x 12 months/year x 3 years = 3600 sheets

-The load on the image output medium (printing paper) is not included.

6-1. Supplementary environmental information

Compliant with the International Energy Star Program Ver.3.0. It also complies with the European RoHS Directive.

Assembly production of this product and production of the main parts, printer-head and ink, are carried out at an ISO14001 certified factory.

Certification number: JQA – E-70001

<https://jp.ricoh.com/sustainability/environment/management/iso>

7. Assumptions of secondary data used

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