



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-21069E

Ecoleaf Environmental Labeling Program

Sustainable Management Promotion Organization

2-1, Kaji-cho 2 chome, Chiyoda-ku, Tokyo Japan

<https://ecoleaf-label.jp/>

Color Printer (Electrophotography)

RICOH COMPANY,LTD

PRO C7210X

RICOH
imagine. change.



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: PRO C7210 Product destination: NA

Main specifications:

Printer (Electrophotography)

Print Speed : 95 prints/minute (A4)

Maximum Paper Size : 11" x 17"

Included Units in Assessment : Automatic Reversing

Document Feeder, Automatic Duplexing Unit

Company Information

RICOH COMPANY,LTD

Tel:(03) 3777-8111

| | |
|------------------------------|---------------------------------------|
| Registration# | JR-AI-21069E |
| PCR number | PA-590000-AI-03 |
| PCR name | Imaging input and/or output equipment |
| Publication date | 5/28/2021 |
| Verification date | 5/19/2021 |
| Verification method | System certification |
| Verification# | JV-AI-20121 |
| Expiration date | 5/18/2026 |
| PCR review was conducted by: | |
| Approval date | 11/8/2019 |
| PCR review panel chair | Masayuki Kanzaki (SuMPO) |

Third party verifier*

Yasuo Koseki

Independent verification of data & declaration in accordance with ISO14025

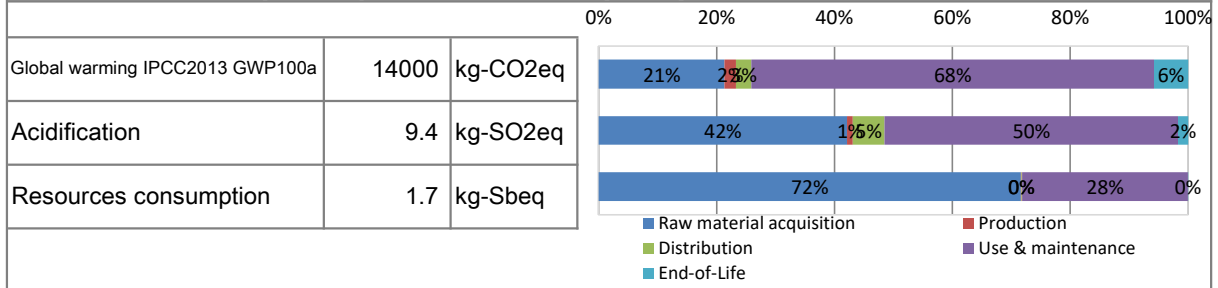
internal external

*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 | 1.4E+04 | 2.9E+03 | 2.6E+02 | 3.6E+02 | 9.3E+03 | 7.9E+02 |
| Acidification | | kg-SO ₂ eq | 9.4E+00 | 4.0E+00 | 9.1E-02 | 5.0E-01 | 4.7E+00 | 1.6E-01 |
| Resources consumption | | kg-Sbeq | 1.7E+00 | 1.3E+00 | 1.1E-03 | 1.5E-03 | 4.9E-01 | 2.4E-04 |

2. Life cycle inventory analysis (LCI)

| Parameter | Value | Unit |
|----------------------------------|---------|------|
| Non-renewable material resources | 7.4E+02 | kg |
| Renewable material resources | 1.3E+03 | kg |

3. Material composition

| Material | Value | Unit |
|------------------------|-------|------|
| SUS | 18.6 | kg |
| Aluminum | 26.5 | kg |
| Ordinary steel | 423.8 | kg |
| Other metals | 18.7 | kg |
| Thermoplastic resin | 70.4 | kg |
| Thermosetting resin | 7.7 | kg |
| Glass | 5.1 | kg |
| Rubber | 3.6 | kg |
| Paper | 35.4 | kg |
| Lubricant | 0.1 | kg |
| Mounting circuit board | 5.7 | kg |
| Wood | 1.6 | kg |

5. Additional explanation

-Products selected in the scenario used for load calculation
 -Printer (EP)
 • Product destination: NA ※
 ※Transportation scenarios are for China, Thailand, and Ricoh Group.from three production sites in Japan, North America, Europe, on transportation routes to the five poles of China, Oceania and Japan transport load calculate the weighted average of transportation activity per kg of product from the total calculated using the annual production volume for each pole .
 Then, it is used as a transportation unit of calculation.
 • Expected usage period: 5 years
 • Estimated number of sheets:5,414,400 sheets ※
 ※Compatible with International Energy Star Program Ver.2.0
 -The load on the image output medium (printing paper) is not included.

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



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6-1. Supplementary environmental information

Compliant with the International Energy Star Program Ver.2.0. It also complies with the European RoHS Directive.

Assembly production of this product and production of the main parts, photoconductor and toner, are carried out at an ISO14001 certified

7. Assumptions of secondary data used

IDEA v2.1.3 is used and registration data and JLCA data v1.10 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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