



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24104E

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 CW2200



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 CW22 Product destination: JP

Main specifications:

Large format printer(Inkjet)

Print Speed : Black&White 3.8 prints/minute (A1)

Print Speed : Color 2.1 prints/minute (A1)

Maximum Roll Feeder: 914 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-24104E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	5/31/2024
Verification date	5/16/2024
Verification method	System certificaion
Verification#	JV-AI-24104
Expiration date	5/15/2029
PCR review was conducted by:	
Approval date	9/1/2023
PCR review panel chair	Masayuki Kanzaki (SuMPO)

Third party verifier*

Hiroyuki Uchida

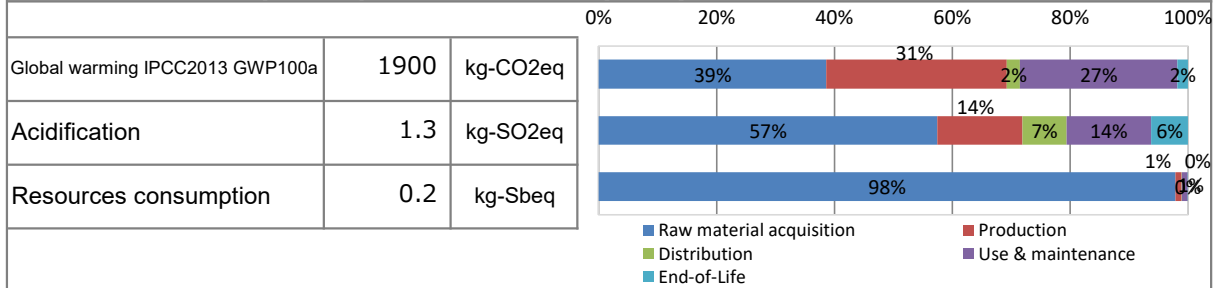
internal external

*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	1.9E+03	7.2E+02	5.8E+02	4.2E+01	5.0E+02	3.4E+01
Acidification		kg-SO ₂ eq	1.3E+00	7.3E-01	1.8E-01	9.4E-02	1.8E-01	7.9E-02
Resources consumption		kg-Sbeq	2.2E-01	2.1E-01	2.2E-03	1.8E-04	2.1E-03	1.1E-04

2. Life cycle inventory analysis (LCI)

Parameter	Unit	Value
Non-renewable material resources	kg	1.2E+02
Renewable material resources	kg	9.8E+01

3. Material composition

Material	Unit	Value
SUS	kg	3.3E-01
Aluminum	kg	3.0E+00
Ordinary steel	kg	9.0E+01
Other metals	kg	2.0E+00
Thermoplastic resin	kg	2.2E+01
Thermosetting resin	kg	4.8E-01
Glass	kg	4.6E-01
Rubber	kg	3.8E-02
Paper	kg	4.5E+01
Lubricant	kg	2.3E-03
Mounting circuit board	kg	2.1E+00
Wood	kg	0.0E+00
Other material	kg	9.4E-01



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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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