



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24037E

Japan EPD Program by SuMPO

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



EPSON

**A3 large capacity
inkjet multifunction printer
WF-C879R (North America)**

Seiko Epson Corporation

Functional unit

Per unit of product

System boundary

■ final products intermediate products

Raw material

acquisition, Production, Distribution,

Use & maintenance, End-of-Life

Main specifications of the product

Model name: WF-C879R

Main Specifications

■ Multifunction device

■ Color

■ Print speed: 24ppm (single-sided A4 sheets)

■ Maximum paper size (standard cassette): A3

■ Automatic duplex printing

※ This product is destined for North America

Company Information

Seiko Epson Corporation

<http://www.epson.com/>

<http://www.epson.jp/contact/> (Japanese)

3-3-5 Owa, Suwa-shi, Nagano-ken, Japan

TEL 81-266-52-5353 (Japan)

| | |
|------------------------------|---|
| Registration# | JR-AI-24037E |
| PCR number | PA-590000-AI-08 |
| PCR name | Imaging input and/or output equipment |
| Publication date | 3/8/2024 |
| Verification date | 2/29/2024 |
| Verification method | Product-by-product |
| Verification# | JV-AI-24037 |
| Expiration date | 2/27/2029 |
| PCR review was conducted by: | |
| Approval date | 9/1/2023 |
| PCR review panel chair | Masayuki Kanzaki Sustainable Management Promotion Organization |

Third party verifier*

Wataru Kawamura

Independent verification of data & declaration in accordance with ISO14025

internal

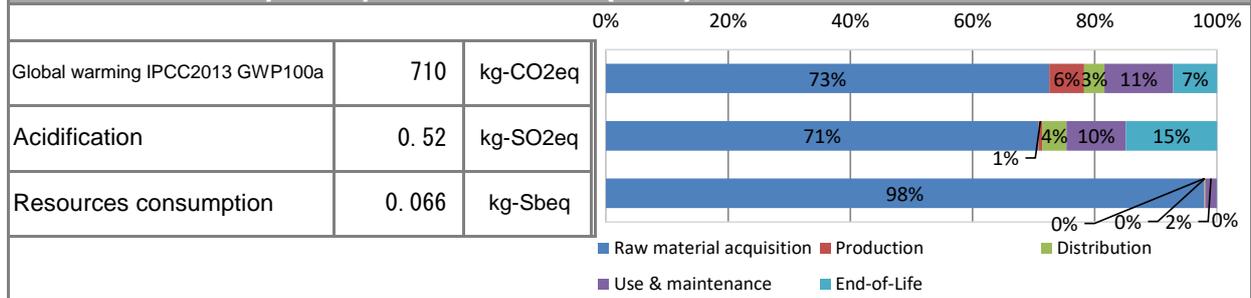
external

*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 | 7.1E+02 | 5.4E+02 | 3.7E+01 | 3.6E+01 | 4.6E+01 | 5.7E+01 |
| Acidification | | kg-SO ₂ eq | 5.2E-01 | 3.5E-01 | 3.0E-03 | 6.1E-02 | 8.7E-03 | 9.6E-02 |
| Resources consumption | | kg-Sbeq | 6.6E-02 | 6.5E-02 | 9.3E-05 | 1.5E-04 | 1.1E-03 | 5.5E-05 |

2. Life cycle inventory analysis (LCI)

| Parameter | Value | Unit |
|----------------------------------|---------|------|
| Non-renewable material resources | 6.7E+01 | kg |
| Renewable material resources | 1.3E+02 | kg |

3. Material composition

| Material | Value | Unit |
|----------------|-------|------|
| Steel | 40 | % |
| SUS | 1 | % |
| Aluminum | 0 | % |
| Other metal | 5 | % |
| Plastic | 28 | % |
| Rubber | 0 | % |
| Glass | 1 | % |
| Paper and wood | 17 | % |
| Circuit Board | 3 | % |
| Other | 4 | % |

5. Additional explanation

- Product destination: North America
- Calculation method of use stage (scenario)
 - Expected usage period: 5 years
 - Estimated number of use: 86,400 sheets*
 - Print measuring method (pattern): ISO/IEC 19752
 - Inventory of the print paper is not included
- Products selected in the scenario used for inventory calculation
 - Multifunction device

* In accordance with the ENERGY STAR® Ver.3.0.
 86,400 sheets = (24 pages x 12 jobs/day x 5 days) / 4 x 4 weeks x 12 months x 5 years



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6-1. Supplementary environmental information

- This product and main components are produced in our ISO 14001 certified factories.
- Compliant with the International Energy Star Program Ver.3.0.It also complies with the European RoHS Directive.

7. Assumptions of secondary data used

We used IDEA v2.1.3 and SuMPO Environmental Label Program registration intensity v1.13.

8. Remarks

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- 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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