



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24038E

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 (Europe)

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 Europe

### 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-24038E
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-24038
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

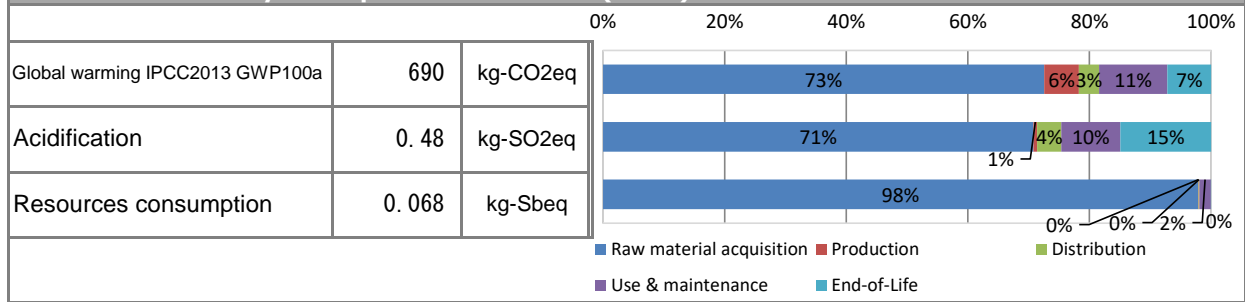
external

\*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 <sub>2</sub> eq	6.9E+02	5.4E+02	3.7E+01	2.3E+01	3.4E+01	5.8E+01
Acidification		kg-SO <sub>2</sub> eq	4.8E-01	3.5E-01	3.1E-03	2.3E-02	7.1E-03	9.6E-02
Resources consumption		kg-Sbeq	6.8E-02	6.6E-02	9.3E-05	9.9E-05	1.0E-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: Europe
- 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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