



Registration number : JR-AI-24607E

SuMPO EPD

Type III Environmental Declaration (EPD)

Japan EPD Program by SuMPO

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



EPSON

**WorkForce Enterprise
LM-M5500
(Japan)**

Seiko Epson Corporation

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

Model name: LM-M5500

Main Specifications

- Multifunction device (High-Performance Inkjet)
- monochrome
- Print speed: 55ppm (single-sided A4 sheets)
- Maximum paper size (standard cassette): A3
- Automatic duplex printing
- ※ This product is destined for Japan

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-24607E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	15 May 2025
Verification date	3 March 2025
Verification method	Product-by-product
Verification#	JV-AI-24607
Expiration date	2 March 2030
PCR review was conducted by:	
Approval date	1 September 2023
PCR review panel chair	Masayuki Kanzaki (SuMPO)

Third party verifier*

Tetsuya Okuyama

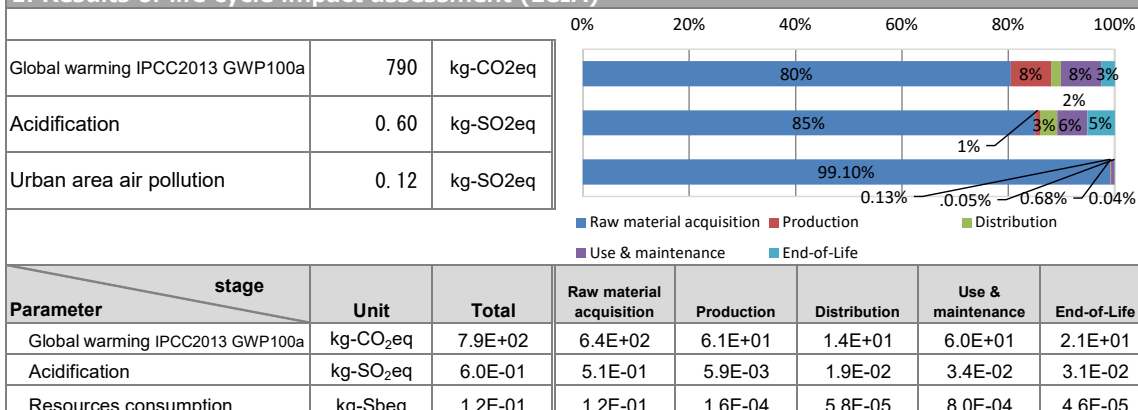
Independent verification of data & declaration in accordance
with ISO14025

☐ 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)



2. Life cycle inventory analysis (LCI)

Parameter	Unit
Non-renewable material resources	8.8E+01 kg
Renewable material resources	1.5E+02 kg

3. Waste to disposal

Parameter	Unit
Steel	4.7E+01 kg
SUS	2.3E+00 kg
Aluminum	8.7E-01 kg
Other metal	7.6E+00 kg
Plastic	3.2E+01 kg
Rubber	5.2E-01 kg
Glass	2.1E+00 kg
Paper and wood	1.3E+01 kg
Circuit Board	5.7E+00 kg
Other	7.4E+00 kg

5. Additional explanation

- Product destination: Japan
- Calculation method of use stage (scenario)
 - Expected usage period: 5 years
 - Estimated number of use: 451,200 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 (High-Performance Inkjet)

* In accordance with the ENERGY STAR® Ver.3.0
451,200 sheets = (47 pages/jpbs x 32 jobs/day x 5 days) /
4 x 4 weeks x 12 months x 5 years

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/>)