



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24286E

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**

PX-M7090FX (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: PX-M7090FX

Main Specifications

Multifunction device

Color

Print speed: Monochrome: 26ppm (single-sided A4 sheets)
Color: 25ppm (single-sided A4 sheets)

Maximum paper size (standard cassette): A3

Automatic duplex printing

※ This product is destined for Japan

Registration#	JR-AI-24286E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	8/5/2024
Verification date	7/18/2024
Verification method	Product-by-product
Verification#	JV-AI-24286
Expiration date	7/17/2029
PCR review was conducted by:	
Approval date	9/1/2023
PCR review panel chair	Masayuki Kanzaki (SuMPO)

Third party verifier*

Hiroyuki Nakamura

Independent verification of data & declaration in
accordance with ISO14025

internal

external

*Auditor's name is stated if system certification has been performed.

Company Information

Seiko Epson Corporation

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

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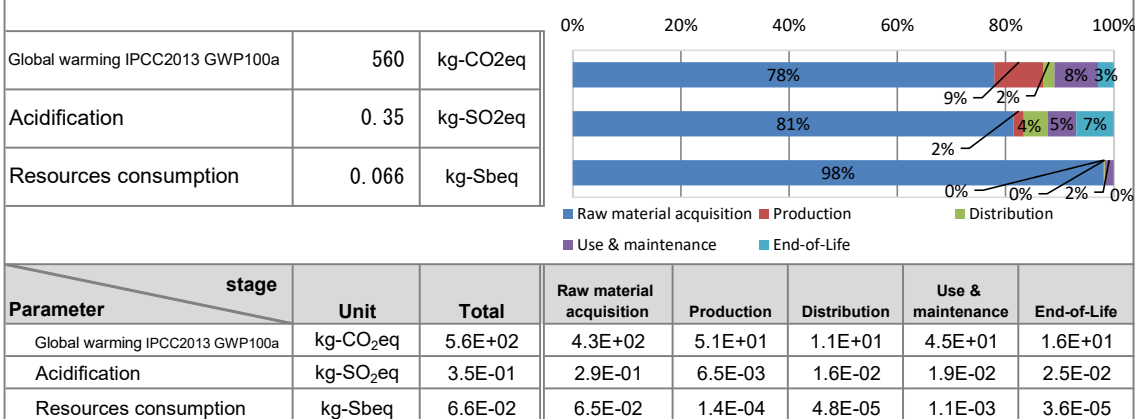
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1. Results of life cycle impact assessment (LCIA)



2. Life cycle inventory analysis (LCI)

Parameter	Unit	Jnit
Non-renewable material resources	6.1E+01	kg
Renewable material resources	1.2E+02	kg

3. Waste to disposal

Parameter	Unit	Jnit
Steel	4.0E+01	kg
SUS	1.1E+00	kg
Aluminum	1.9E-01	kg
Other metal	5.3E+00	kg
Plastic	2.7E+01	kg
Rubber	3.0E-01	kg
Glass	1.4E+00	kg
Paper and wood	1.6E+01	kg
Circuit Board	9.9E-01	kg
Other	6.9E+00	kg

5. Additional explanation

- Product destination: Japan
- Calculation method of use stage (scenario)
 - Expected usage period: 5 years
 - Estimated number of use: 90,000 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
 90,000 sheets = (25 pages x 12 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/>)

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