EcoLeaf
Type III Environmental Declaration (EPD)
Registration number： JR-AI-24277E

Japan EPD Program by SuMPO
Sustainable Management Promotion Organization
14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan
https://ecoleaf-label.jp/

EPSON

High-speed Linehead Inkjet Multifunction Printer

WorkForce Enterprise LX-10000R (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 : WorkForce Enterprise LX-10000R

Main Specifications

■Multifunction device (High Performance Inkjet)

■Color

■Print Speed : 100ppm (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-24277E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	10 October 2024
Verification date	10 July 2024
Verification method	Product-by-product
Verification#	JV-AI-24277
Expiration date	7/9/2029

PCR review was conducted by:

Approval date	1 September 2023
PCR review panel chair	Masayuki Kanzaki (SuMPO)

Third party verifier*

Tadao Naitou

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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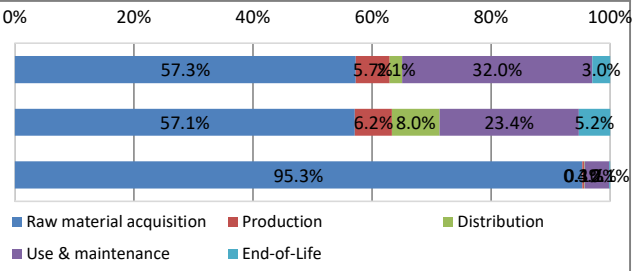
1. Results of life cycle impact assessment (LCIA)

Global warming IPCC2013 GWP100a	1100	kg-CO2eq
Acidification	0. 91	kg-SO2eq
Resources consumption	0. 082	kg-Sbeq



Parameter \ stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a	kg-CO_2eq	1.1E+03	6.4E+02	6.4E+01	2.3E+01	3.6E+02	3.3E+01
Acidification	kg-SO_2eq	9.1E-01	5.2E-01	5.7E-02	7.3E-02	2.1E-01	4.8E-02
Resources consumption	kg-Sbeq	8.2E-02	7.8E-02	2.1E-04	9.7E-05	3.4E-03	7.6E-05

2. Life cycle inventory analysis (LCI)

Parameter		Unit
Non-renewable material resources	7.1E+01	kg
Renewable material resources	2.2E+02	kg

3. Material composition

Material		Unit
Steel	3.4E+01	kg
SUS	1.6E+00	kg
Aluminum	1.1E+00	kg
Other metals	8.0E+00	kg
Plastic	5.7E+01	kg
Rubber	9.5E-01	kg
Glass	1.5E+00	kg
Paper and wood	2.7E+01	kg
Circuit board	1.2E+00	kg
Others	3.6E+00	kg

5. Additional explanation

Material		Unit

- Product destination: Japan
- Calculation method of use stage (scenario)
  - Expected usage period: 5 years
  - Estimated number of use: 1,497,600 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 Perfomance IJ)

* In accordance with the ENERGY STAR® Ver.3.0.
1,497,600 sheets = (32 pages x 156 jobs/day x 5 days) / 4 x 4 weeks x 12 months x 5 years

6-1. Supplementary environmental information

The Calculation aims to reuse parts recovered from used products to reduce environmental impact.

6-2. Regulated hazardous substances

Substance	CAS No.	Reference to standards or regulations

7. Assumptions of secondary data used

IDEA v2.1.3 and SuMPO Environmental Label Program Registration Data and JLCA Data v1.13 were 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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