



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24227E

Japan EPD Program by SuMPO

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



EPSON

A4 color line inkjet multifunction printer

WorkForceEnterprise
AM-C550 (North America)

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: WorkForceEnterprise AM-C550

Main Specifications

- Multifunction device (High Performance Inkjet)
- Color
- Print speed: 55ppm (single-sided A4 sheets)
- Maximum paper size (standard cassette): A4
- 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-24227E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	5/31/2024
Verification date	5/22/2024
Verification method	Product-by-product
Verification#	JV-AI-24227
Expiration date	5/21/2029
PCR review was conducted by:	
Approval date	9/1/2023
PCR review panel chair	Masayuki Kanzaki (SuMPO)

Third party verifier*

Hiromi Horikawa

Independent verification of data & declaration in accordance with ISO14025

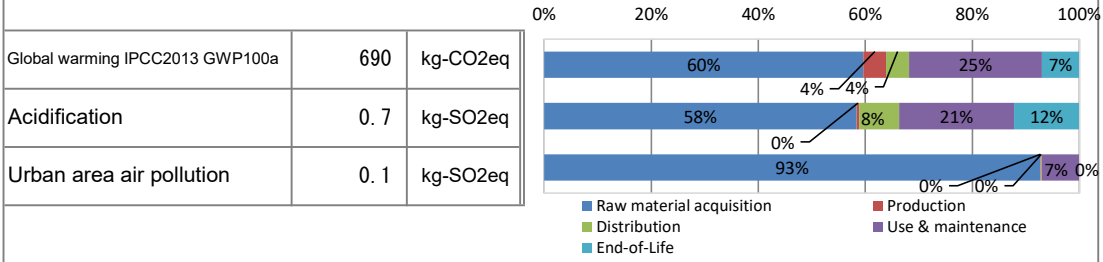
internal external

*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	6.9E+02	4.1E+02	3.0E+01	2.9E+01	1.7E+02	4.8E+01
Acidification		kg-SO ₂ eq	6.6E-01	3.9E-01	3.0E-03	5.0E-02	1.4E-01	8.1E-02
Urban area air pollution		kg-SO ₂ eq	6.9E-02	6.4E-02	7.6E-05	1.2E-04	4.8E-03	4.6E-05

2. Life cycle inventory analysis (LCI)

Parameter	Unit
Non-renewable material resources	5.9E+01 kg
Renewable material resources	9.7E+01 kg

3. Waste to disposal

Parameter	Unit
Steel	2.7E+01 kg
SUS	1.5E+00 kg
Aluminum	1.4E+00 kg
Other metal	4.4E+00 kg
Plastic	1.9E+01 kg
Rubber	3.1E-01 kg
Glass	9.5E-01 kg
Paper and wood	1.6E+01 kg
Circuit Board	1.9E+00 kg
Other	5.9E+00 kg

5. Additional explanation

Material	Unit
- Product destination: North America	
- 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 IJ)	
* In accordance with the ENERGY STAR® Ver.3.1. 451,200 sheets = (32 pages x 47 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/>)