EPSON

A4 Document Scanner

DS-C490

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 : DS-C490

Main Specifications

■Sheet-fed scanner(Without Flat-bed) For Parsonal
■Scanning Speed : Simplex or Duplex, 40ppm(80ppm)
■Scanning Size : 215.9mm × 5,588mm
■Scanning Resolution : 50～1200dpi （1dpi pitch）
■Scanning Method CIS
*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,392-0001, Japan
TEL 81-266-52-5353 (Japan)

Registration#	JR-AI-23337E
PCR number	PA-590000-AI-8
PCR name	Imaging input and/or output equipment
Publication date	11/2/2023
Verification date	10/16/2023
Verification method	Product-by-product
Verification#	JV-AI-23337
Expiration date	10/15/2023

PCR review was conducted by:

Approval date	9/1/2023
PCR review panel chair	Masayuki Kanzaki (Sustainable Management Promotion Organization)

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.

EcoLeaf

Type III Environmental Declaration (EPD)

Registration number： JR-AI-23337E

Japan EPD Program by SuMPO

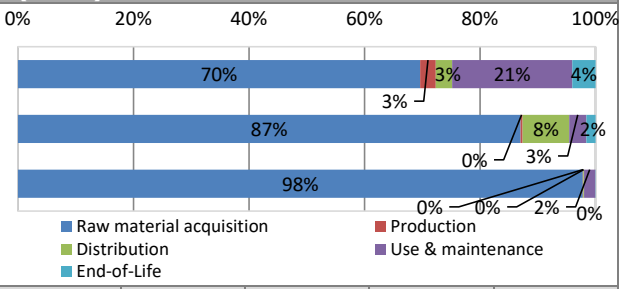
Sustainable Management Promotion Organization

14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan

https://ecoleaf-label.jp/

1. Results of life cycle impact assessment (LCIA)

Global warming IPCC2013 GWP100a	41	kg-CO2eq
Acidification	0.024	kg-SO2eq
Resources consumption	0.0032	kg-Sbeq



Parameter \ stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a	kg-CO_2eq	4.1E+01	2.9E+01	1.1E+00	1.2E+00	8.6E+00	1.7E+00
Acidification	kg-SO_2eq	2.4E-02	2.1E-02	9.0E-05	1.9E-03	7.1E-04	3.8E-04
Resources consumption	kg-Sbeq	3.2E-03	3.1E-03	2.8E-06	4.8E-06	6.2E-05	1.1E-06

2. Life cycle inventory analysis (LCI)

Parameter		Unit
Non-renewable material resources	2.1E+00	kg
Renewable material resources	4.4E+00	kg

3. Material composition

Material		Unit
Steel	10	%
SUS	0	%
Aluminum	0	%
Other metal	13	%
Plastic	38	%
Rubber	1	%
Glass	1	%
Paper and wood	19	%
Circuit Board	6	%
Others	12	%

5. Additional explanation

- Product destination: North America
- Calculation method of use stage (scenario)*
  - Expected usage : 5 years
  - Scans per day : 64 sheets / day (8 scans / day)
  - Workdays per month : 20 days / month
  - Working days per year : 240 days / year
  - Total scans : 9,600 times (76,800 sheets) / 5 years

*For the load calculations during the Use & maintenance stage, scenarios were set up under the above conditions to match the user's actual usage conditions.

6-1. Supplementary environmental information

- This product and main compornents 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/)