



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-20070E-C

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization

2-1, Kaji-cho 2 chome, Chiyoda-ku, Tokyo Japan

<https://ecoleaf-label.jp/>



Multifunction Color Laser Printer

Xerox AltaLink C8170

FUJIFILM Business Innovation Corp.

Functional unit

Per unit of product

System boundary

- final products
- intermediate products

Material - Product - Distribution - use - Disposition

Main specifications of the product

Model name: Xerox AltaLink C8170

- Color Multifunction Printer (EP Type)
- Print Speed:Color 70ppm
Monochrome 70ppm
- Paper Size (Max.):SRA3 (320x450mm)
- Print /Copy/Scan/FAX
- Automatic 2 sided output

Company Information

FUJIFILM Business Innovation Corp.

<https://www.fujifilm.com/fbglobal/eng>

6-1 Minatomirai, Nishi-ku, Yokohama-shi, Kanagawa

Registration#	JR-AI-20070E-C
PCR number	PA-590000-AI-04
PCR name	Imaging input and/or output equipment
Publication date	2022/10/31
Verification date	2021/1/8
Verification method	System certificaion
Verification#	2020-FX-EL-013-A
Expiration date	2026/1/7
PCR review was conducted by:	
Approval date	2022/4/1
PCR review panel chair	Masayuki Kanzaki (Sustainable Management Promotion Organization)

Third party verifier*

Sachiko Hashizume

Independent verification of data & declaration in accordance with ISO14025

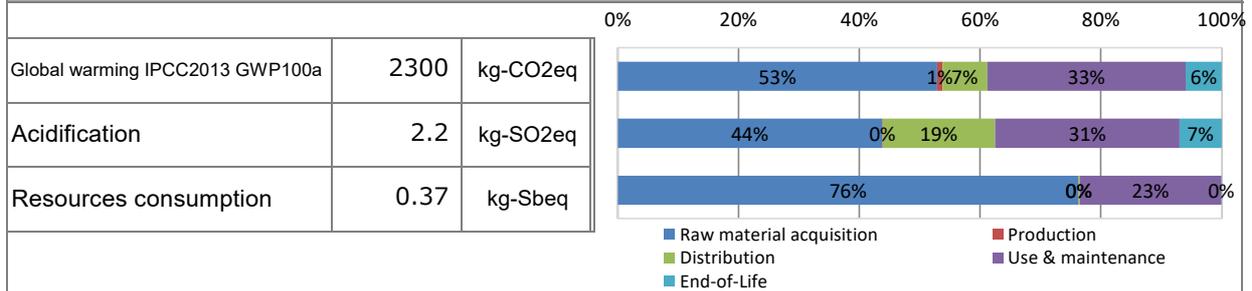
internal external

*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	2.3E+03	1.2E+03	2.1E+01	1.7E+02	7.6E+02	1.4E+02
Acidification		kg-SO ₂ eq	2.2E+00	9.6E-01	2.3E-03	4.1E-01	6.7E-01	1.5E-01
Resources consumption		kg-Sbeq	3.7E-01	2.9E-01	3.3E-05	7.2E-04	8.8E-02	2.1E-04
Water resource consumption		m ³	3.1E+00	1.9E+00	4.2E-03	3.3E-03	1.2E+00	6.4E-03

2. Life cycle inventory analysis (LCI)

項目	値	単位
Non-renewable material resources	1.5E+02	kg
Renewable material resources	4.8E+02	kg
Consumption of fresh water	1.9E+03	m ³

3. Material composition

Material	値	Unit
Steel	70	kg
Plastic	46	kg
SUS	12	kg
Conversion parts	8.6	kg
Circuit Board	6.6	kg
Glass	2.2	kg
Aluminium	0.83	kg
Other metal	0.41	kg
Rubber	0.19	kg
Others	4.6	kg

5. Additional explanation

- Product destination: North America
- Calculated based on the standard Scenario for MFP (EP type).
- Assumed lifespan of the product is five years.
- Printing paper is excluded from the use and maintenance stage.
- Electric power in the use and maintenance stage is calculated by TEC value, measured according to International ENERGY STAR program Version3.0 and the public electric-power-consumption-rate in the United States.
- Assumed print volume are 729,600 sheets.
 $1/4 \times 32 \text{ (jobs per day)} \times 76 \text{ (sheets)} \times 5 \text{ (days)} \times 4 \text{ (weeks)} \times 12 \text{ (months)} \times 5 \text{ (years)} = 729,600 \text{ sheets}$



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6-1. Supplementary environmental information

- ENERGY STAR® Ver.3.0 qualified.
- Minimum of 5 weight percent of post-consumer recycled plastic is contained per the total weight of plastic in the product.

7. Assumptions of secondary data used

Inventory Database: IDEA v2.1.3 and registered data v1.07 of Ecoleaf Environmental Labeling Program are used.

8. Remarks

Revised on October 31st, 2022:

- ①Added the parameter "Water resource consumption".
- ②Added the parameter "Consumption of freshwater".
- ⑤Added assumption of product lifespan.
- ⑥-1 Added information about the post-consumer recycled plastic content in the product.

Revised on April 1st, 2021:

Implemented the company name change.

Revised on February 5th, 2021:

Re-verification was conducted due to change of a basic unit adopted for two items quantification.

- 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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