



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24320E

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization

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

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



Color Multifunction Printer

Xerox® AltaLink® C8230 2TM

Registration company : FUJIFILM Business Innovation Corp.

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: Xerox® AltaLink® C8230 2TM
- Color Multifunction Printer (EP Type)
- Print Speed (A4 LEF): Color 30ppm, Monochrome 30ppm
- Paper Size (Max.): 297 x 432mm
- Copy / Print / Scan / Fax
- Automatic 2 Sided Output, Automatic Document Feeder

Company Information

FUJIFILM Business Innovation Corp.

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

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

Registration#	JR-AI-24320E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	9/13/2024
Verification date	9/6/2024
Verification method	System certificaion
Verification#	2024-FB-EL-019
Expiration date	9/5/2029

PCR review was conducted by:

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

Third party verifier*

Sachiko Hashizume

Independent verification of data & declaration in accordance with ISO14025

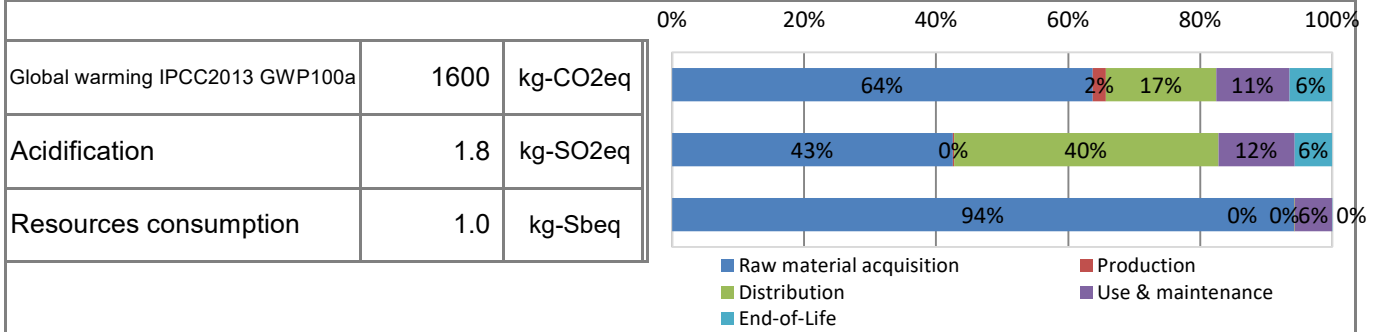
internal external

*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	1.6E+03	1.0E+03	3.3E+01	2.7E+02	1.8E+02	1.1E+02
Acidification		kg-SO ₂ eq	1.8E+00	7.8E-01	3.3E-03	7.3E-01	2.1E-01	1.0E-01
Resources consumption		kg-Sbeq	1.0E+00	9.5E-01	1.5E-04	1.2E-03	5.7E-02	1.7E-04
Water resource consumption		m ³	1.9E+00	1.7E+00	1.3E-02	7.7E-03	1.3E-01	4.4E-03

2. Life cycle inventory analysis (LCI)

Parameter	Unit
Non-renewable material resources	1.1E+02 kg
Renewable material resources	2.3E+02 kg
Consumption of freshwater	1.8E+00 m ³

3. Material composition

Material	Unit
Steel	58 kg
SUS	1.2 kg
Aluminium	0.85 kg
Other Metals	10 kg
Plastic	47 kg
Rubber	0.17 kg
Glass	2.0 kg
Paper, Wood	8.6 kg
Circuit Board	5.6 kg
Conversion Parts	6.9 kg
Others	5.2 kg

5. Additional explanation

- Product destination: North America
- Calculated based on standard scenario for MFP (EP type).
- Assumed lifespan of the product is five years.
- Printing paper is excluded from Use & maintenance stage.
- The applied International ENERGY STAR® Program Version is 3.0.
- Assumed print volume are 135,000 sheets.
 $1/4 \times 30 \text{ (jobs per day)} \times 15 \text{ (sheets per job)} \times 5 \text{ (days)} \times 4 \text{ (weeks)} \times 12 \text{ (months)} \times 5 \text{ (years)} = 135,000 \text{ (sheets)}$



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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: LCI Database IDEA v2.1.3, Japan EPD Program by SuMPO registered data v1.18.

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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