



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-23297E

Japan EPD Program by SuMPO

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

Color Production Printer Xerox® Versant® 4100 Press

FUJIFILM

Value from Innovation

富士フイルム ビジネス イノベーション株式会社
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® Versant® 4100 Press
- Color Production Printer (EP Type)
- Print Speed (A4 LEF): Color 100ppm, Monochrome 100ppm
- Paper Size (Max.): 330x488mm
- Copy / Print
- Automatic 2 Sided Output

Company Information

FUJIFILM Business Innovation Corp.

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

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

Registration#	JR-AI-23297E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	10/16/2023
Verification date	10/6/2023
Verification method	System certificaion
Verification#	2023-FB-EL-033
Expiration date	10/5/2028
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

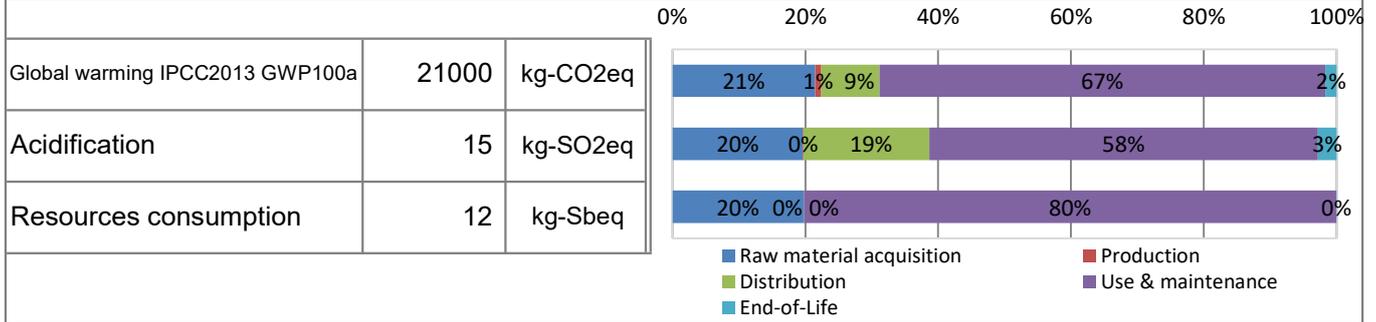
internal external

*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	2.1E+04	4.5E+03	1.9E+02	1.8E+03	1.4E+04	3.5E+02
Acidification		kg-SO ₂ eq	1.5E+01	3.0E+00	1.8E-02	2.9E+00	9.0E+00	4.4E-01
Resources consumption		kg-Sbeq	1.2E+01	2.3E+00	8.7E-04	7.8E-03	9.4E+00	1.0E-03
Water resource consumption		m ³	2.2E+01	6.2E+00	3.0E-02	5.0E-02	1.6E+01	1.6E-02

2. Life cycle inventory analysis (LCI)

Parameter	Unit
Non-renewable material resources	1.4E+03 kg
Renewable material resources	4.4E+03 kg
Consumption of fresh water	2.1E+01 m ³

3. Material composition

Material	Unit
Steel	570 kg
SUS	14 kg
Aluminium	7.3 kg
Other Metals	22 kg
Plastic	85 kg
Rubber	1.0 kg
Glass	1.4 kg
Paper, Wood	40 kg
Circuit Board	17 kg
Conversion Parts	57 kg
Others	22 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.
- ✓ Electric power of Use & maintenance stage is calculated based on TEC value, measured according to ENERGY STAR® Version 3.0. professional imaging equipment criteria.
- ✓ Assumed print volume are 5,990,400 sheets.
32 (jobs per day) x 156 (sheets per job) x 5 (days) x 4 (weeks) x 12 (months) x 5 (years) = 5,990,400 (sheets)



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6-1. Supplementary environmental information

7. Assumptions of secondary data used

Inventory Database: LCI Database IDEA v2.1.3, Japan EPD Program by SuMPO registered data v1.13.

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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