



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-23489E

Japan EPD Program by SuMPO

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



A3 Monochrome Multifunction Printer

Apeos 4570 (Model-PFS)

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.

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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: Apeos 4570 (Model-PFS)
- Monochrome Multifunction Printer (EP Type)
- Print Speed (A4 LEF): Monochrome 45ppm
- Paper Size (Max.): A3、12×18"
- Copy / Print / Scan / Fax
- Automatic 2 Sided Output,
Automatic Document Feeder

Company Information

FUJIFILM Business Innovation Corp.

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Registration#	JR-AI-23489E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	03/29/2024
Verification date	02/29/2024
Verification method	System certificaion
Verification#	2023-FB-EL-076
Expiration date	02/27/2029

PCR review was conducted by:

Approval date	09/01/2023
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

Third party verifier*

Sachiko Hashizume

Independent verification of data & declaration in accordance with ISO14025

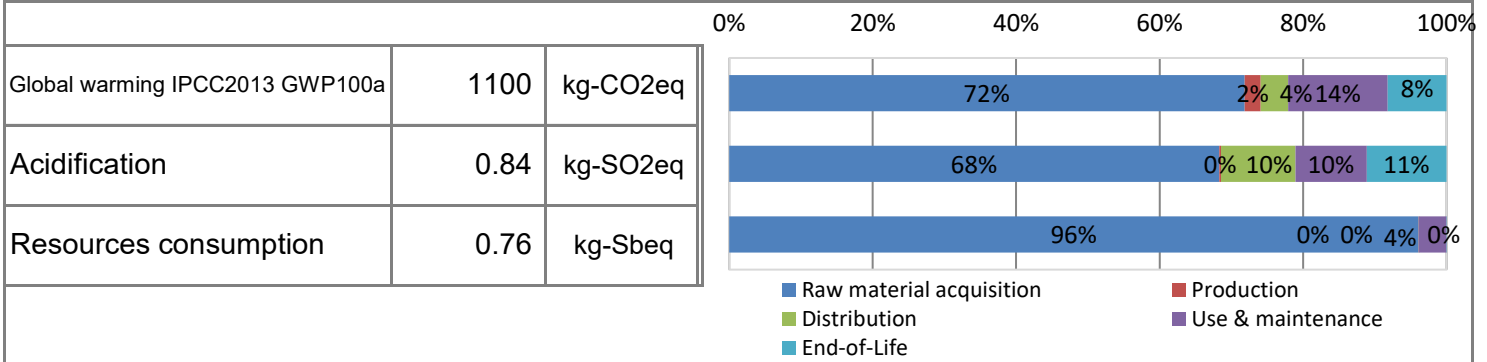
internal external

*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	1.1E+03	8.1E+02	2.5E+01	4.3E+01	1.6E+02	9.2E+01	
Acidification	kg-SO ₂ eq	8.4E-01	5.7E-01	2.2E-03	8.7E-02	8.3E-02	9.3E-02	
Resources consumption	kg-Sbeq	7.6E-01	7.3E-01	1.1E-04	1.9E-04	2.9E-02	1.6E-04	

2. Life cycle inventory analysis (LCI)

Parameter	Unit
Non-renewable material resources	1.0E+02 kg
Renewable material resources	2.1E+02 kg

3. Material composition

Material	Unit
Steel	61 kg
SUS	0.58 kg
Aluminium	0.45 kg
Other Metals	7.3 kg
Plastic	37 kg
Rubber	0.19 kg
Glass	2.0 kg
Paper, Wood	8.7 kg
Circuit Board	3.9 kg
Conversion Parts	4.3 kg
Others	3.1 kg

5. Additional explanation

- ✓ Product destination: Japan
- ✓ Calculated based on standard scenario for MFP (EP type).
- ✓ 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.
- ✓ Assumed print volume are 297,600 sheets.
1/4 x 32 (jobs per day) x 31 (sheets per job) x 5 (days) x 4 (weeks) x 12 (months) x 5 (years) = 297,600 (sheets)



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6-1. Supplementary environmental information

ENERGY STAR® Ver.3.0 qualified.

7. Assumptions of secondary data used

Inventory Database: LCI Database IDEA v2.1.3, Japan EPD Program by SuMPO registered data v1.15.

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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