



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24453E

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization

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

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



A3 Color Multifunction Printer

Apeos C4570(Model-CPS-C-2TM)
(for US)

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 C4570(Model-CPS-C-2TM)
- Color Multifunction Printer (EP Type)
- Print Speed (A4 LEF): Color 45ppm, Monochrome 45ppm
- Paper Size (Max.): SRA3(320x450mm)
12 x 18" (305x457mm), A3
- Copy / Print / Scan
- Automatic 2 Sided Output,
Automatic Document Feeder

Company Information

FUJIFILM Business Innovation Corp.

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

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Registration#	JR-AI-24453E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	1/31/2025
Verification date	1/23/2025
Verification method	System certificaion
Verification#	2024-FB-EL-053
Expiration date	1/22/2030

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

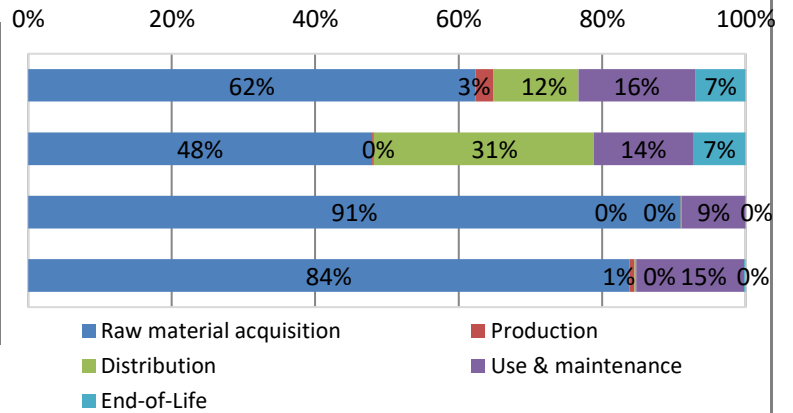
*Auditor's name is stated if system certification has been performed.

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1. Results of life cycle impact assessment (LCIA)

Global warming IPCC2013 GWP100a	1600	kg-CO2eq
Acidification	1.5	kg-SO2eq
Resources consumption	1.1	kg-Sbeq
Water resource consumption	2.1	m3



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	4.1E+01	1.9E+02	2.6E+02	1.1E+02
Acidification		kg-SO ₂ eq	1.5E+00	7.4E-01	4.3E-03	4.7E-01	2.1E-01	1.1E-01
Resources consumption		kg-Sbeq	1.1E+00	9.6E-01	1.9E-04	8.1E-04	9.4E-02	1.9E-04
Water resource consumption		m ³	2.1E+00	1.8.E+00	1.4.E-02	6.1.E-03	3.2.E-01	4.8.E-03

2. Life cycle inventory analysis (LCI)

Parameter	Unit
Renewable material resources	2.8E+02 kg
Non-renewable material resources	1.2E+02 kg
Renewable energy resources	5.1E+02 MJ
Non-renewable energy resources	6.1E+02 MJ
Consumption of freshwater	2.1E+00 m ³

3. Material composition

Material	Unit
Steel	71 kg
SUS	1.2 kg
Aluminium	0.72 kg
Other Metals	7.3 kg
Plastic	50 kg
Rubber	0.25 kg
Glass	2.3 kg
Paper, Wood	10 kg
Circuit Board	4.5 kg
Conversion Parts	7.5 kg
Others	4.0 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 3.2.
- 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.3.2 qualified.

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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