



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-23276E

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

OFISTAR F4500C

**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.

The image above shows FUJIFILM "Apeos C4570", and the actual product is labeled "OFISTAR F4500C".

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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: OFISTAR F4500C
- Color Multifunction Printer (EP Type)
- Print Speed (A4 LEF): Color 45ppm, Monochrome 45ppm
- Paper Size (Max.): SRA3(320x450mm)
- 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-23276E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	11/14/2023
Verification date	10/26/2023
Verification method	System certificaion
Verification#	2023-FB-EL-029
Expiration date	10/25/2028
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

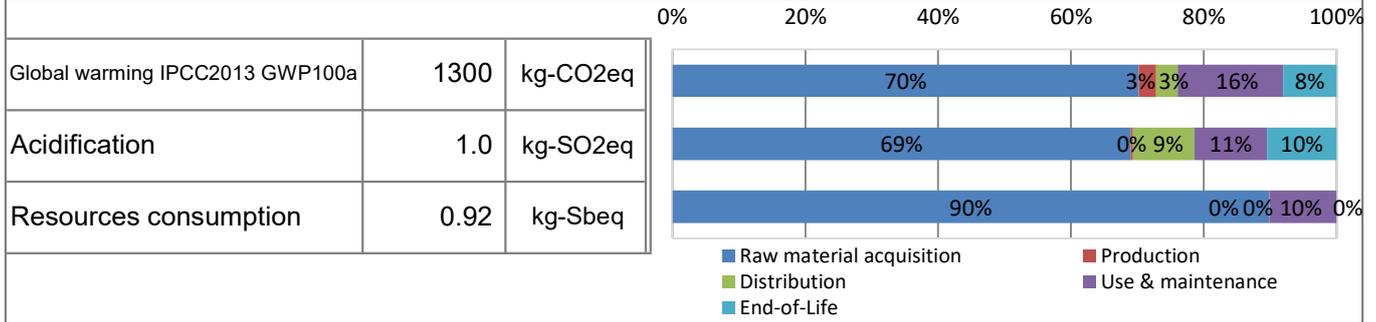
internal     external

\*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 <sub>2</sub> eq	1.3E+03	9.1E+02	3.4E+01	4.2E+01	2.1E+02	1.0E+02
Acidification		kg-SO <sub>2</sub> eq	9.9E-01	6.9E-01	3.6E-03	9.2E-02	1.1E-01	1.0E-01
Resources consumption		kg-Sbeq	9.2E-01	8.3E-01	1.5E-04	1.8E-04	9.3E-02	1.8E-04

2. Life cycle inventory analysis (LCI)

Parameter	Value	Unit
Non-renewable material resources	1.1E+02	kg
Renewable material resources	2.6E+02	kg

3. Material composition

Material	Value	Unit
Steel	60	kg
SUS	0.90	kg
Aluminium	0.88	kg
Other Metals	7.4	kg
Plastic	45	kg
Rubber	0.20	kg
Glass	2.1	kg
Paper, Wood	8.7	kg
Circuit Board	4.7	kg
Conversion Parts	5.2	kg
Others	3.3	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 v1.13.

#### 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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