EcoLeaf

Type III Environmental Declaration (EPD)

Registration number： JR-AI-23498E

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 5580 (Model P)

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 "Apeos 7580" and the actual product is labeled "Apeos 5580 ", and the Offset Catch Tray is not inclueded in the calculation.

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 5580 (Model P)
- ■ Monochrome Multifunction Printer (EP Type)
- ■ Print Speed (A4 LEF): Monochrome 55ppm
- ■ Paper Size (Max.): A3, 11×17"
- ■ Copy / Print
- ■ 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-23498E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	3/5/2024
Verification date	12/22/2023
Verification method	System certificaion
Verification#	2023-FB-EL-65
Expiration date	12/21/2028

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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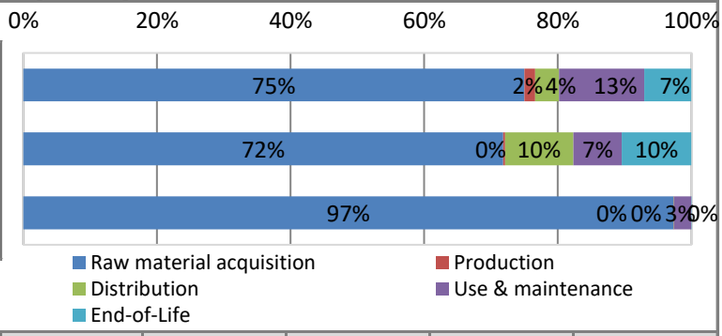
1. Results of life cycle impact assessment (LCIA)

Global warming IPCC2013 GWP100a	1800	kg-CO2eq
Acidification	1.3	kg-SO2eq
Resources consumption	0.97	kg-Sbeq



Parameter \ stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a	kg-CO_2eq	1.8E+03	1.3E+03	2.9E+01	6.3E+01	2.3E+02	1.3E+02
Acidification	kg-SO_2eq	1.3E+00	9.2E-01	3.3E-03	1.3E-01	9.3E-02	1.3E-01
Resources consumption	kg-Sbeq	9.7E-01	9.4E-01	1.3E-04	2.7E-04	2.5E-02	2.5E-04

2. Life cycle inventory analysis (LCI)

Parameter		Unit
Non-renewable material resources	1.7E+02	kg
Renewable material resources	2.8E+02	kg

3. Material composition

Material		Unit
Steel	110	kg
SUS	5.4	kg
Alminium	0.26	kg
Other Metals	6.1	kg
Plastic	46	kg
Rubber	2.2	kg
Glass	2.6	kg
Paper, Wood	13	kg
Circuit Board	6.7	kg
Conversion Parts	9.4	kg
Others	5.1	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 451,200 sheets.

1/4 × 32 (jobs per day) x 47 (sheets per job) x 5 (days) x 4 (weeks) x 12 (months) x 5 (years) = 451,200 (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 v1.14.

8. Remarks

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- 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/)