

SuMPO EPD Type III Environmental Declaration (EPD)

Japan EPD Program by SuMPO
Sustainable Management Promotion Organization

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

Registration number: JR-AI-25210E





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.

A3 Color Multifunction Printer

ApeosPort C4570 (Model-PFS) (for JP)

The image above shows "ApeosPort C5570", but the actual product is labeled "ApeosPort C4570".

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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: ApeosPort C4570 (Model-PFS)
- Color Multifunction Printer (EP Type)
- Print Speed (A4 LEF): Color 45ppm, Monochrome 45ppm
- Paper Size (Max.): SRA3(320×450 mm), 12×18"(305×457 mm), A3
- Copy / Print / Scan / FAX
- Automatic 2 Sided Output, Automatic Document Feeder with ISO14025

	registration#	JI AI ZJZIOL				
	PCR number	PA-590000-AI-08				
	PCR name	Imaging input and/or output equipment				
	Publication date	21 November 2025				
	Verification date	21 October 2025				
	Verification method	System certificaion				
	Verification#	2025-FB-EL-065				
	Expiration date	20 October 2030				
	PCR review was conducted by:					
	Approval date	01 September 2023				
	PCR review	Masayuki Kanzaki				
1	panel chair	(Sustainable Management Promotion Organization)				

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Third party verifier*

Registration#

Sachiko Hashizume

Independent verification of data & declaration in accordance with ISO14025

□internal **■**external

Company Information

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

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Results of life cycle impact assessment (LCIA)						
		Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global Warming Potential total	ka-CO₂ea	8.89E+02	2.75E+01	5.31E+01	1.93E+02	1.51E+02
(GWP-total)	kg-CO2eq	0.09E+02 2.75E+0	2.73E+01	5.51E+U1	1.93E+02	1.51E+02
Ozone layer destruction	kg-CFC-11eq	6.15E-05	4.63E-08	2.63E-08	7.29E-06	3.32E-08
Eutrophication	kg-PO₄³-eq	1.57E-02	1.23E-03	1.87E-04	1.02E-02	1.83E-04
Acidification	kg-SO₂eq	2.31E+00	1.84E-01	6.59E-02	8.92E-01	1.64E-01
Photochemical ozone	kg-C₂H₄eq	1.71E-02	4.20E-05	4.43E-04	1.69E-03	1.29E-03
ADP elements	kg-Sbeq	8.69E-01	1.02E-04	1.35E-05	8.91E-02	3.20E-05

Life cycle inventory analysis (LCI)						
Indicators describing use of primary resources						
		Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
RPR _E	MJ	1.74E+03	2.33E+02	9.74E+00	9.76E+02	7.20E+01
RPR _M	MJ	1.60E+01	3.91E-03	2.52E+02	6.97E+02	1.36E-02
NRPR _E	MJ	1.44E+04	9.47E+02	6.13E+02	4.61E+03	8.40E+02
NRPR _M	MJ	1.75E+03	2.96E-01	2.83E+00	4.82E+02	1.76E-01
Consumption of freshwater	m³	4.51E+00	2.55E-02	2.65E+01	7.39E+01	1.29E-02

Additional explanation

- Product destination: Japan
- · Calculated based on standard scenario for MFP (EP type).
- Printing paper is excluded from Use & maintenance stage.
- The electricity consumption on use stage of this product is calculated based on TEC value measured according to ENERGY STAR® Program Version 3.2.
- · Assumed print volume are 297,600 sheets.

 $1/4 \times 32$ (jobs per day) x 31 (sheets per job) x 5 (days) x 4 (weeks) x 12 (months) x 5 (years) = 297,600 (sheets)

Supplementary environmental information

ENERGY STAR® Ver.3.2 qualified.

Material composition				
Material		Unit		
Steel	63	kg		
SUS	1.1	kg		
Alminium	0.85	kg		
Other Metals	9.8	kg		
Plastic	42	kg		
Rubber	0.19	kg		
Glass	1.8	kg		
Paper, Wood	9.0	kg		
Circuit Board	4.1	kg		
Conversion Parts	6.4	kg		
Others	5.9	kg		

Regulated hazardous substances					
Substance	CAS No.	Reference to standards or regulations			
_	-	_			
_	-	-			
_	-	-			

Assumptions of secondary data used

Inventory Database:

LCI Database IDEA v3.4, Japan EPD Program by SuMPO registered data v1.16.

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/)
- This is a selfdeclared translation of EPD that can be accessed at https://ecoleaf-label.jp/epd/2600 and is published for convenience purposes. Only the original EPD is valid and binding between parties.