

SuMPO EPD Type III Environmental Declaration (EPD)

Japan EPD Program by SuMPO

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

Registration number: JR-AI-25099E





A3 Monochrome Multifunction Printer

Apeos 3561 (Model-CPS) (for CN)

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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 3561 (Model-CPS)

■ Monochrome Multifunction Printer (EP Type)

■ Print Speed (A4 LEF): Monochrome 35ppm

■ Paper Size (Max.): A3, 11x17"

■ Copy / Print / Scan

Automatic 2 Sided Output,
 Automatic Document Feeder

Registration	# JR-AI-25099E			
PCR number	PA-590000-AI-08			
PCR name	Imaging input and/or output equipment			
Publication da	10/10/2025			
Verification da	9/24/2025			
Verification met	hod System certificaion			
Verification:	# 2025-FB-EL-034			
Expiration da	te 9/23/2030			
PCR review was conducted by:				
Approval d	ate 9/1/2023			
PCR revie	•			

Third party verifier*

Sachiko Hashizume

Independent verification of data & declaration in accordance with ISO14025

□internal ■external

Company Information

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Registration number: JR-AI-25099E

^{*}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 (GWP-total)	kg-CO₂eq	3.52E+02	2.71E+01	7.64E+01	1.46E+02	7.47E+01
Ozone layer destruction	kg-CFC-11eq	3.21E-05	5.51E-08	2.29E-08	3.65E-06	1.48E-08
Eutrophication	kg-PO₄³-eq	1.28E-02	3.83E-04	1.46E-04	4.57E-03	7.69E-05
Acidification	kg-SO₂eq	1.09E+00	1.65E-01	1.14E-01	5.71E-01	7.54E-02
Photochemical ozone	kg-C₂H₄eq	7.39E-03	9.00E-05	7.68E-04	1.37E-03	5.56E-04
ADP elements	kg-Sbeq	5.13E-01	9.48E-05	1.09E-05	3.15E-02	1.41E-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	8.18E+02	2.02E+02	7.87E+00	5.71E+02	3.16E+01
RPR _M	MJ	1.66E+01	1.70E+02	1.96E+02	6.55E+02	6.03E-03
NRPR _E	MJ	5.94E+03	8.56E+02	8.58E+02	3.07E+03	3.65E+02
NRPR _M	MJ	1.03E+03	2.98E+00	2.77E+00	2.14E+02	8.06E-02
Consumption of freshwater	m³	3.15E+00	1.79E+01	2.06E+01	6.92E+01	5.68E-03

Additional explanation

- · Product destination: China
- · Calculated based on standard scenario for MFP (EP type).
- $\boldsymbol{\cdot}$ Assumed lifespan of the product is five years.
- 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 182,400 sheets.

1/4 x 32 (jobs per day) x 19 (sheets per job) x 5 (days) x 4 (weeks) x 12 (months) x 5 (years) = 182,400(sheets)

Supplementary environmental information

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Material composition					
Material		Unit			
Steel	23	kg			
SUS	0.16	kg			
Alminium	0.53	kg			
Other Metals	4.0	kg			
Plastic	25	kg			
Rubber	0.25	kg			
Glass	1.4	kg			
Paper, Wood	11	kg			
Circuit Board	0.87	kg			
Conversion Parts	2.8	kg			
Others	1.8	kg			

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

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/)
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