Japan EPD Program by SuMPO

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

Canon Inc.

Registration number: JR-AI-24469E

Canon Inkjet Printer PRO-310



Functional unit

Per unit product

System boundary

■ final products □ intermediate products

Raw Material acquisition, Production, Distribution,

Use & maintenance, and End-of-Life stage

Main specifications of the product

Model name: Canon Inkjet Printer PRO-310 Specifications

- Printers and multifunction machines (Inkjet method)
- · Maximum paper size: A3+

Company Information

Canon Inc. 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146-8501, Japan +81-3-3758-2111

Registration#	JR-AI-24469E			
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#	JV-AI-24469			
Expiration date	1/22/2030			
PCR review was conducted by:				
Approval date	9/1/2023			
PCR review	Masayuki Kanzaki			
panel chair	Sustainable Management Promotion Organization			
	ala.			

Third party verifier*

Hiroyuki Uchida

Independent verification of data & declaration in accordance with ISO14025

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Registration number: JR-AI-24469E

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

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1. Results of life cycle impact assessment (LCIA) 100% 20% 40% 60% 80% Global warming IPCC2013 GWP100a 230 kg-CO2eq 50% Acidification 0.14 kg-SO2eq Resources consumption 0.047 kg-Sbeq Raw material acquisition ■ Production Distribution ■ End-of-Life ■ Use & maintenance

stage			Raw material			Use &	
Parameter	Unit	Total	acquisition	Production	Distribution	maintenance	End-of-Life
Global warming IPCC2013 GWP100a	kg-CO ₂ eq	2.3E+02	1.1E+02	6.9E+00	1.3E+01	6.0E+01	3.5E+01
Ozone layer destruction	kg-CFC-11eq	2.9E-05	2.8E-05	3.5E-10	3.7E-10	7.0E-07	2.3E-07
Acidification	kg-SO ₂ eq	1.4E-01	7.8E-02	5.5E-04	1.7E-02	3.4E-02	1.3E-02
Resources consumption	kg-Sbeq	4.7E-02	3.3E-02	2.7E-05	5.4E-05	1.4E-02	7.8E-06

2. Life cycle inventory analysis (LCI)					
Parameter		Unit			
Non-renewable energy resources	3.2E+03	MJ			
Renewable primary energy	4.8E+01	MJ			

3. Material composition				
Material		Unit		
Common Steel	20	%		
Stainless Steel	0.60	%		
Aluminium	0.31	%		
Other Metal	1.2	%		
Plastic	47	%		
Rubber	0.43	%		
Glass	0	%		
Paper/Wood	25	%		
Circuit Board	2.7	%		
Others	2.6	%		

5. Additional explanation

Calculated in the following conditions;

- Printing paper is not considered.
- Expected use period is 3 years.
- The standard scenario for Printer (IJ type).
- · US market.
- Print volume: 7,200 sheets.
- The applied Energy Star program version is 3.0.

We evaluated the Ecoleaf with Canon's own data of raw materials weight and the general basic unit for the parts because it is difficult to collect the data for a couple of thousands of parts. Accordingly, the results may be different from the specific product specification. As such, please be advised that this result would be a rough estimate.

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6-1. Supplementary environmental information

Complies with the EU RoHS Directive (2011/65/EU) and its amendments including 2015/863/EU. Manufactured at ISO 14001 certified factories.

7. Assumptions of secondary data used

IDEA v2.1.3, and registered data v1.13 of Japan EPD Program by SuMPO are used.

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/)

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