



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24135E

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization

14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan

<https://ecoleaf-label.jp/>

Canon Inc.

imageRUNNER ADVANCE DX 4945i(For NZ)



※The Cassette Feeding Unit is excluded.

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

imageRUNNER ADVANCE DX 4945i(For NZ)

Specifications

- Multi Functional Printer (Electrophotography)
- BW
- Print Speed : Up to 45 ipm (A4)
- Max paper size : 320 x 450mm(SRA3)
- Print/copy/scan/Duplex printing/ADF
- Weight: approx.73.52kg(Toner bottle not included)

Company Information

Canon Inc.

30-2, Shimomaruko 3-chome, Ohta-ku,

Tokyo 146-8501, Japan +81-3-3758-2111

Registration#	JR-AI-24135E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	3/27/2024
Verification date	3/21/2024
Verification method	Product-by-product
Verification#	JV-AI-24135
Expiration date	3/20/2029
PCR review was conducted by:	
Approval date	9/1/2023
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

Third party verifier*

Kazuo Naito

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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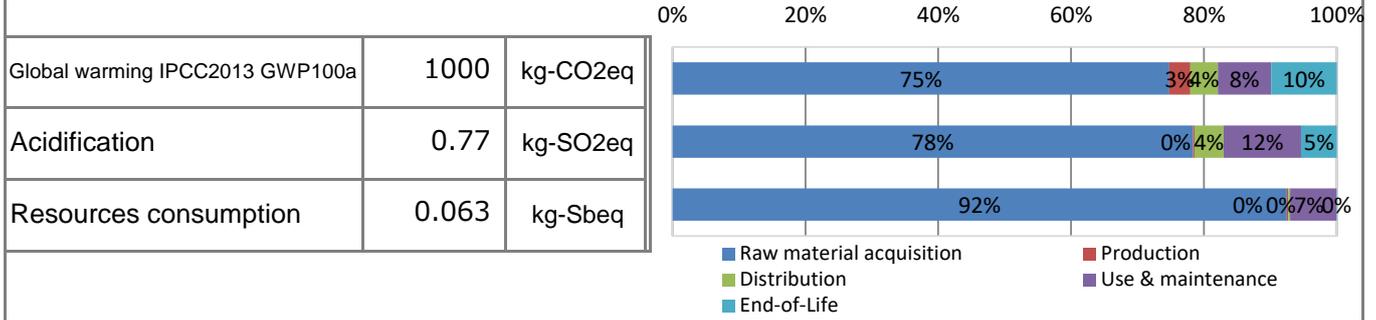
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1. Results of life cycle impact assessment (LCIA)



Parameter	stage		Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
	Unit	Total					
Global warming IPCC2013 GWP100a	kg-CO ₂ eq	1.0E+03	7.6E+02	3.2E+01	4.2E+01	8.1E+01	1.0E+02
Ozone layer destruction	kg-CFC-11eq	8.5E-05	8.0E-05	4.0E-10	3.5E-10	4.6E-06	1.0E-06
Acidification	kg-SO ₂ eq	7.7E-01	6.1E-01	1.7E-03	3.4E-02	9.0E-02	4.2E-02
Resources consumption	kg-Sbeq	6.3E-02	5.9E-02	1.3E-04	1.8E-04	4.4E-03	5.9E-05

2. Life cycle inventory analysis (LCI)

Parameter	Value	Unit
Non-renewable energy resources	1.5E+04	MJ
Renewable primary energy	1.1E+03	MJ

3. Material composition

Material	Value	Unit
Common Steel	34	%
Stainless Steel	0.35	%
Aluminium	0.63	%
Other Metal	2.0	%
Plastic	32	%
Rubber	0.67	%
Glass	2.5	%
Paper/Wood	20	%
Circuit Board	3.2	%
Others	5.2	%



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5. Additional explanation

Calculated in the following conditions;

- Printing paper is not considered.
- Expected use period is 5 years.
- The standard scenario for Multifunction Device (EP type).
- New Zealand market.
- Print volume: 297,600 sheets.
- The applied Energy Star program version is 3.0.

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

- 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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