



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24177E

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 529iZ(For EU)



### 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 529iZ(For EU)

Specifications

- Multi Functional Printer (Electrophotography)
- BW
- Print Speed : Up to 52 ipm (A4)
- Max paper size : A4
- Print/copy/scan/FAX/Duplex printing/ADF
- Weight: approx.43.00kg(All in one Cartridge not included)

### Company Information

Canon Inc.

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

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

Registration#	JR-AI-24177E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	4/17/2024
Verification date	4/12/2024
Verification method	Product-by-product
Verification#	JV-AI-24177
Expiration date	4/11/2029
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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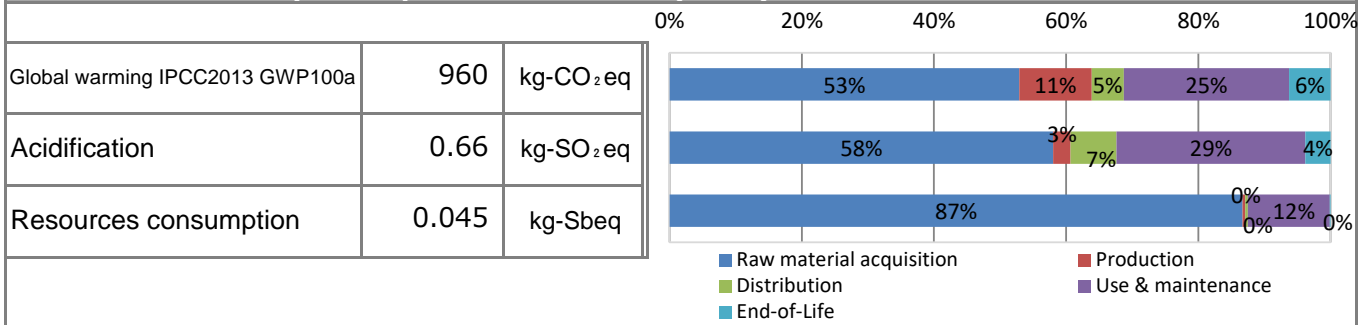
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### 1. Results of life cycle impact assessment (LCIA)



Parameter	stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a		kg-CO <sub>2</sub> eq	9.6E+02	5.1E+02	1.0E+02	4.6E+01	2.4E+02	6.0E+01
Ozone layer destruction		kg-CFC-11eq	9.1E-05	4.9E-05	4.3E-08	3.2E-10	4.1E-05	5.6E-07
Acidification		kg-SO <sub>2</sub> eq	6.6E-01	3.8E-01	1.7E-02	4.6E-02	1.9E-01	2.5E-02
Resources consumption		kg-Sbeq	4.5E-02	3.9E-02	1.8E-04	2.0E-04	5.6E-03	4.3E-05

### 2. Life cycle inventory analysis (LCI)

Parameter	Value	Unit
Non-renewable energy resources	1.5E+04	MJ
Renewable primary energy	3.0E+02	MJ

### 3. Material composition

Material	Value	Unit
Common Steel	29	%
Stainless Steel	0.53	%
Aluminium	0.28	%
Other Metal	2.6	%
Plastic	34	%
Rubber	1.0	%
Glass	1.5	%
Paper/Wood	23	%
Circuit Board	4.0	%
Others	4.3	%



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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).
- UK / France / Germany / Italy / Spain / Portugal / Belgium / Netherland / Austria / Switzerland / Denmark / Sweden / Norway / Finland market.
- Print volume: 403,200 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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