



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24265E

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 C5840i(For US)



※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 C5840i(For US)

Specifications

- Multi Functional Printer (Electrophotography)
- CL
- Print Speed : Up to 40 ipm (LTR)
- Max paper size : 320 x 450mm (SRA3)
- Print/copy/scan/Duplex printing/ADF
- Weight : approx.99kg (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-24265E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	8/23/2024
Verification date	8/9/2024
Verification method	System certificaion
Verification#	JV-AI-24265
Expiration date	8/8/2029
PCR review was conducted by:	
Approval date	9/1/2023
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

Third party verifier*

Hiroyuki Uchida

Independent verification of data & declaration in accordance with ISO14025

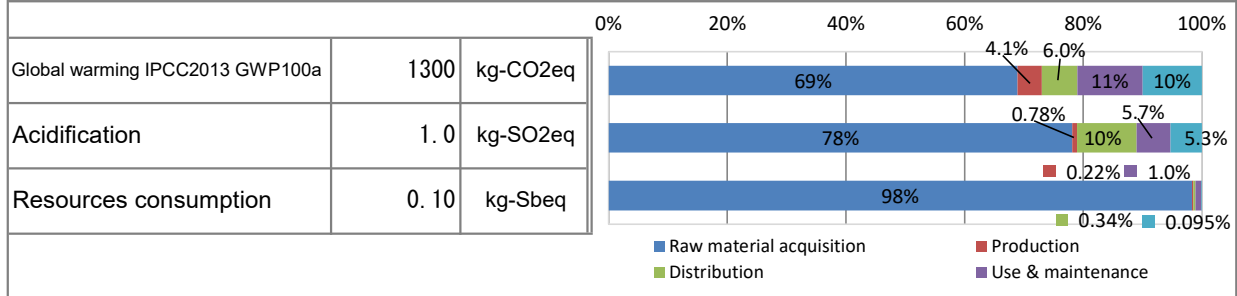
internal external

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

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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 ₂ eq	1.3E+03	9.2E+02	5.5E+01	8.1E+01	1.4E+02	1.4E+02
Ozone layer destruction		kg-CFC-11eq	1.0E-04	1.0E-04	2.4E-09	5.8E-10	2.2E-06	1.4E-06
Acidification		kg-SO ₂ eq	1.0E+00	8.2E-01	8.2E-03	1.1E-01	6.0E-02	5.6E-02
Resources consumption		kg-Sbeq	1.0E-01	9.9E-02	2.2E-04	3.4E-04	1.0E-03	9.6E-05

2. Life cycle inventory analysis (LCI)

Parameter	Unit
Non-renewable energy resources	2.0E+04 MJ
Renewable primary energy	3.4E+02 MJ

3. Material composition

Material	Unit
Common Steel	36 %
Stainless Steel	0.91 %
Aluminium	1.3 %
Other Metal	2.4 %
Plastic	33 %
Rubber	0.98 %
Glass	2.3 %
Paper/Wood	14 %
Circuit Board	3.3 %
Others	6.0 %

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).
- US market.
- Print volume: 240,000 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

- 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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