



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24045E

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization

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

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

Canon Inc.

Canon Large Format Printer GP-4600S



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 Large Format Printer GP-4600S

Specifications

- Large Format Printer (Inkjet method)
- Maximum paper size: 44 in.

Company Information

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

Registration#	JR-AI-24045E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	3/7/2024
Verification date	3/1/2024
Verification method	Product-by-product
Verification#	JV-AI-24045
Expiration date	2/28/2029
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

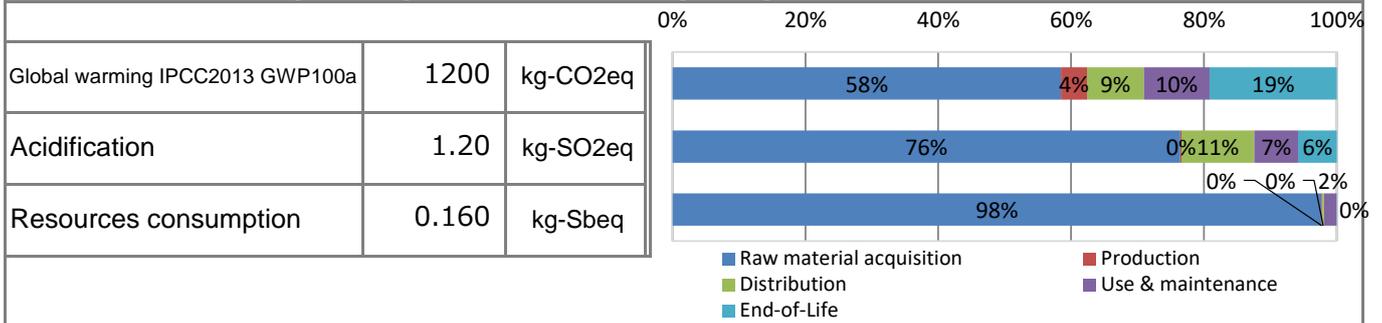
internal external

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

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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	1.2E+03	7.1E+02	4.7E+01	1.0E+02	1.2E+02	2.3E+02
Ozone layer destruction		kg-CFC-11eq	1.4E-04	1.3E-04	4.2E-09	7.4E-10	5.6E-06	2.8E-06
Acidification		kg-SO ₂ eq	1.2E+00	9.2E-01	2.2E-03	1.3E-01	7.9E-02	7.0E-02
Resources consumption		kg-Sbeq	1.6E-01	1.5E-01	1.8E-04	4.4E-04	2.9E-03	6.7E-05

2. Life cycle inventory analysis (LCI)

Parameter	Value	Unit
Non-renewable energy resources	1.6E+04	MJ
Renewable primary energy	1.9E+02	MJ

3. Material composition

Material	Value	Unit
Common Steel	36.6	%
Stainless Steel	1.3	%
Aluminium	3.4	%
Other Metal	1.6	%
Plastic	27.1	%
Rubber	0.10	%
Glass	0.0000	%
Paper/Wood	25.8	%
Circuit Board	0.86	%
Others	3.2	%



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5. Additional explanation

Calculated in the following conditions;

- Printing paper is not considered.
- Expected use period is 3 years.
- The standard scenario for Large Format Printer (IJ type).
- US market.
- Print volume: 3,600 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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