



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24016E

Japan EPD Program by SuMPO

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

Canon Inc.

Color imageCLASS LBP632Cdw(For US)



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

Color imageCLASS LBP632Cdw(For US)

Specifications

- Printer (Electrophotography)
- CL
- Print Speed : Up to 22 ipm (LTR)
- Max paper size : LGL
- Print/Duplex printing
- Weight: approx.14kg(CRG not included)

Company Information

Canon Inc.

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

Registration#	JR-AI-24016E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	3/7/2024
Verification date	2/29/2024
Verification method	System certificaion
Verification#	JV-AI-24016
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*

Hiroyuki Uchida

Independent verification of data & declaration in accordance
with ISO14025

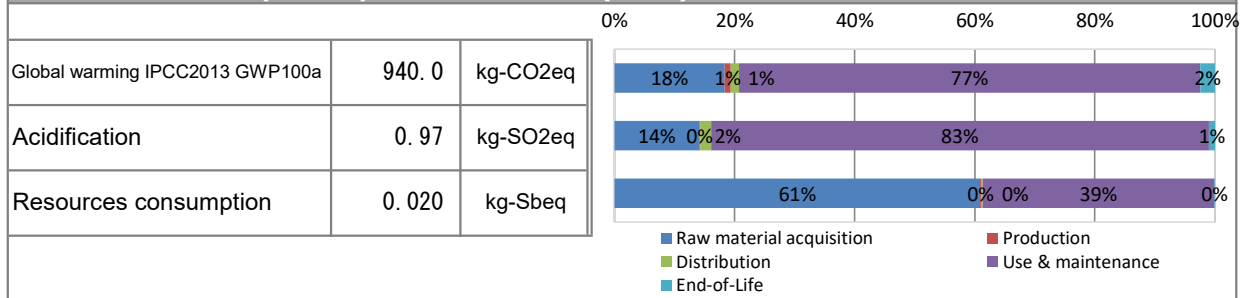
internal external

*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	9.4E+02	1.7E+02	9.7E+00	1.2E+01	7.2E+02	2.3E+01
Ozone layer destruction		kg-CFC-11eq	1.6E-04	2.1E-05	3.4E-08	2.4E-10	1.4E-04	2.0E-07
Acidification		kg-SO ₂ eq	9.7E-01	1.4E-01	1.5E-03	1.7E-02	8.1E-01	9.7E-03
Resources consumption		kg-Sbeq	2.0E-02	1.2E-02	3.7E-05	5.2E-05	7.8E-03	1.5E-05

2. Life cycle inventory analysis (LCI)

Parameter	Unit
Non-renewable energy resources	1.5E+04 MJ
Renewable primary energy	2.2E+02 MJ

3. Material composition

Material	Unit
Common Steel	30 %
Stainless Steel	0.2 %
Aluminium	1.5 %
Other Metal	3.2 %
Plastic	43 %
Rubber	0.4 %
Glass	0.8 %
Paper/Wood	11 %
Circuit Board	4.7 %
Others	4.5 %

5. Additional explanation

- Calculated in the following conditions;
- Printing paper is not considered.
 - Expected use period is 5 years.
 - The standard scenario for Printer (EP type).
 - US market.
 - Print volume: 72,600 sheets.
 - The applied Energy Star program version is 3.0.



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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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