



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24195E

Japan EPD Program by SuMPO

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

Canon Inc.

i-SENSYS MF272dw(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

i-SENSYS MF272dw(For EU)

Specifications

- Multi Functional Printer (Electrophotography)
- BW
- Print Speed : Up to 29 ipm (A4)
- Max paper size : LGL
- Print/copy/scan/Duplex printing
- Weight: approx.8.5kg (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-24195E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	5/24/2024
Verification date	5/17/2024
Verification method	System certificaion
Verification#	JV-AI-24195
Expiration date	5/16/2029
PCR review was conducted by:	
Approval date	9/1/2023
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

Third party verifier*

internal external
Hiroyuki Uchida

Independent verification of data & declaration in accordance with ISO14025

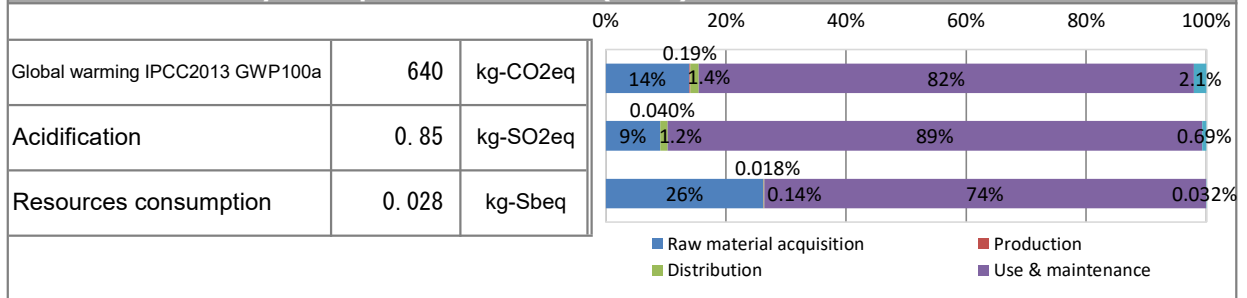
internal external

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

Registration number : JR-AI-24195E



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	6.4E+02	9.0E+01	1.2E+00	9.0E+00	5.3E+02	1.3E+01
Ozone layer destruction		kg-CFC-11eq	1.2E-04	1.2E-05	8.4E-09	6.4E-11	1.1E-04	1.0E-07
Acidification		kg-SO ₂ eq	8.5E-01	7.7E-02	3.4E-04	1.0E-02	7.5E-01	5.8E-03
Resources consumption		kg-Sbeq	2.8E-02	7.3E-03	5.1E-06	3.8E-05	2.0E-02	9.0E-06

2. Life cycle inventory analysis (LCI)

Parameter	Unit
Non-renewable energy resources	9.9E+03 MJ
Renewable primary energy	1.3E+02 MJ

3. Material composition

Material	Unit
Common Steel	22 %
Stainless Steel	0.13 %
Aluminium	40 %
Other Metal	0.11 %
Plastic	4.5 %
Rubber	0.40 %
Glass	0.94 %
Paper/Wood	40 %
Circuit Board	0.11 %
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 Multifunction Device (EP type).
- UK / France / Germany / Italy / Spain / Portugal / Belgium / Netherland / Austria / Switzerland / Denmark / Sweden / Norway / Finland market.
- Print volume: 121,800 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.



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24195E

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization

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

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

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/>)

Registration number : JR-AI-24195E