EcoLeaf
Type III Environmental Declaration (EPD)
Registration number： JR-AI-24193E

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 MF461dw(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 MF461dw(For EU)

Specifications

- Multi Functional Printer (Electrophotography)
- black and white
- Print Speed : Up to 36 ipm（A4）
- Max paper size : LGL
- Print/copy/scan/Duplex printing/ADF
- Weight: approx.15.52kg(All in one Cartridge not included)

Company Information

Canon Inc.
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Registration#	JR-AI-24193E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	5/16/2024
Verification date	5/9/2024
Verification method	System certificaion
Verification#	JV-AI-24193
Expiration date	5/8/2029

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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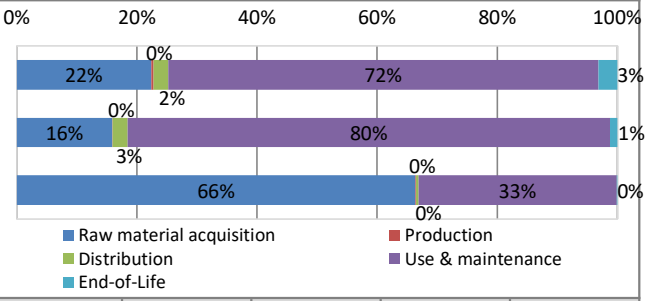
1. Results of life cycle impact assessment (LCIA)

Global warming IPCC2013 GWP100a	750. 0	kg-CO2eq
Acidification	0. 81	kg-SO2eq
Resources consumption	0. 017	kg-Sbeq



Parameter \ stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a	kg-CO_2eq	7.5E+02	1.7E+02	2.8E+00	1.8E+01	5.4E+02	2.3E+01
Ozone layer destruction	kg-CFC-11eq	1.3E-04	2.1E-05	8.4E-09	1.3E-10	1.1E-04	2.0E-07
Acidification	kg-SO_2eq	8.1E-01	1.3E-01	4.7E-04	2.0E-02	6.5E-01	1.0E-02
Resources consumption	kg-Sbeq	1.7E-02	1.1E-02	1.1E-05	7.7E-05	5.6E-03	1.7E-05

2. Life cycle inventory analysis (LCI)

Parameter		Unit
Non-renewable energy resources	1.2E+04	MJ
Renewable primary energy	1.7E+02	MJ

3. Material composition

Material		Unit
Common Steel	23	%
Stainless Steel	0.22	%
Aluminium	0.22	%
Other Metal	1.4	%
Plastic	32	%
Rubber	2.4	%
Glass	2.8	%
Paper/Wood	30	%
Circuit Board	4.1	%
Others	2.7	%

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: 192,000 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.

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

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- 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/)