



Carbon Footprint of Products

CFP Declaration

Registration number : JR-AI-23343C

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 Inkjet Office All-In-One MB5420



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 Inkjet Office All-In-One MB5420

Specifications

- Printers and multifunction machines (Inkjet method)
- Maximum paper size: Legal.

Company Information

Canon Inc.

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Registration#	JR-AI-23343C
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	10/19/2023
Verification date	10/13/2023
Verification method	Product-by-product
Verification#	JV-AI-23343
Expiration date	10/12/2028
PCR review was conducted by:	
Approval date	01/09/23
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

Third party verifier*

Kazuo Naito

Independent verification of data & declaration in accordance with ISO/TS14067

internal external

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

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1. Quantification results, and contents of the declaration

CFP quantification unit :

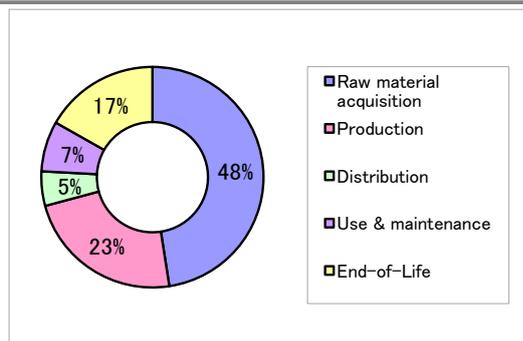
Parameter			Unit
CFP Quantification results		200	kg-CO₂eq
Breakdown	Raw material acquisition	95	kg-CO ₂ eq
	Production	46	kg-CO ₂ eq
	Distribution	10	kg-CO ₂ eq
	Use & maintenance	15	kg-CO ₂ eq
	End-of-Life	33	kg-CO ₂ eq
Value on CFP mark		200	kg-CO₂eq
Unit for the value on CFP mark		Per unit product	

*Quantification results may slightly differ from the sum of the breakdown due to rounding of fractions.

3. 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.

2. Additional information



Calculated in the following conditions;

- Printing paper is not considered.
- The standard scenario for Multifunction Device (IJ type).
- US market.
- Print volume: 7,200 sheets.
- The applied Energy Star program version is 3.0.

4. Interpretation

- CO₂ emission in Raw material acquisition is the largest as 48%. It is important to reduce the size and weight, and to use low environmental impact materials.
 - CO₂ emission in Production is the second largest as 23%. It is important to improve production efficiency.
 - We evaluated the CFP 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.

5. Assumptions of secondary data used

IDEA v2.1.3, and registered data v1.13 of Japan EPD Program by SuMPO are used.

6. 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/>)
- The CFP only addresses the single impact category of climate change and does not assess other potential social, economic and environmental impacts arising from the provision of a product.