**Japan EPD Program by SuMPO**
Sustainable Management Promotion Organization
14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan
https://ecoleaf-label.jp/

KONICAMINOLTA ,INC.

# AccurioPress C12010S

(Photo : Mounted option-unit( PF-712,RU-518m,IQ-601,OT-512) is not included in the calculation. )

## Functional unit

Per unit of product

## System boundary

■ final products　□intermediate products

Raw material acquision, Production, Distribution, Use & maintenance, End-of-Life

## Main specifications of the product

Model name : AccurioPress C12010S

■Marking technologies : Electrophotographic Printer (EP

■Printing speed(A4) : Monochrome 120 ppm
Color 120 ppm

■Printing paper : Maximum A3

■Duplex function : Standard

## Company Information

Please direct any inquiries or comments
to e-mail: eco-support@konicaminolta.com

| | |
|---|---|
| **Registration#** | JR-AI-24444E-A |
| **PCR number** | PA-590000-AI-08 |
| **PCR name** | Imaging input and/or output equipment |
| **Publication date** | 10 January 2025 |
| **Verification date** | 20 December 2024 |
| **Verification method** | Product-by-product |
| **Verification#** | JV-AI-24444-A |
| **Expiration date** | 19 December 2029 |

## PCR review was conducted by:

| | |
|---|---|
| **Approval date** | 01 September 2023 |
| PCR review panel chair | Masayuki Kanzaki (Sustainable Management Promotion Organization) |

## Third party verifier*

Kazuo Naitou

Independent verification of data & declaration in accordance with ISO14025

□internal　■external

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

SuMPO EPD
Type III Environmental Declaration (EPD)
Registration number： JR-AI-24444E-A

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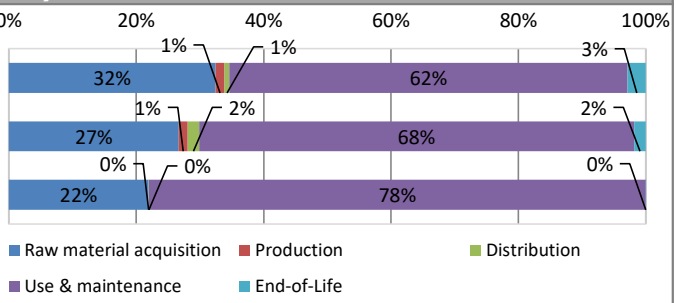
## 1. Results of life cycle impact assessment (LCIA)

| | | |
|---|---|---|
| Global warming IPCC2013 GWP100a | 13000 | kg-CO2eq |
| Acidification | 14 | kg-SO2eq |
| Resources consumption | 2. 2 | kg-Sbeq |




| Parameter \ stage | Unit | Total | Raw material acquisition | Production | Distribution | Use & maintenance | End-of-Life |
|---|---|---|---|---|---|---|---|
| Global warming IPCC2013 GWP100a | kg-$CO_2$eq | 1.3E+04 | 4.2E+03 | 1.9E+02 | 9.3E+01 | 8.1E+03 | 3.8E+02 |
| Acidification | kg-$SO_2$eq | 1.4E+01 | 3.7E+00 | 1.9E-01 | 2.5E-01 | 9.4E+00 | 2.6E-01 |
| Resources consumption | kg-Sbeq | 2.2E+00 | 4.9E-01 | 1.3E-03 | 3.6E-04 | 1.7E+00 | 6.4E-04 |

## 2. Life cycle inventory analysis (LCI)

| Parameter | | Unit |
|---|---|---|
| Non-renewable material resources | 1.1E+03 | kg |
| Renewable material resources | 1.6E+03 | kg |

## 3. Material composition

| Material | | Unit |
|---|---|---|
| Steel | 4.9E+02 | kg |
| SUS | 1.3E+01 | kg |
| Al | 2.3E+01 | kg |
| Other metals | 1.7E+01 | kg |
| Glass | 5.7E-01 | kg |
| Thermoplastics resin | 4.6E+01 | kg |
| Wood | 4.0E+01 | kg |
| Paper | 2.9E+01 | kg |
| Rubber | 1.2E+01 | kg |
| Assembled circuit board | 2.1E+01 | kg |
| Medium-sized motor | 3.4E+01 | kg |

## 5. Additional explanation

・Production destination : Japan
・Calculation method of use stage (Caluclated by the standard scenario for MFP (EP type))
- Expected usage period : five years
- Estimated number of sheets used : 8,640,000※
- The impact of printing paper is not included
- The impact of expendables and Maintenance parts are included in the stage of Use&maintenance.
※ Conformed to the International ENERGY STAR® Ver2.0 Program

・The results of the environmental impact assessment are presented as relative figures only. These figures should not be interpreted as definitive indicators of environmental impact based solely on their magnitude. Additionally, the calculated figures do not directly reflect the specific extent of environmental impact, environmental safety (e.g., whether thresholds are exceeded), or risk assessment (e.g., the degree of impact on the environment or human health).

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## 6-1. Supplementary environmental information

・ENERGY STAR® Ver.3.0 qualified
・The assembly of this product and the production of its main components are carried out at an ISO14001 certified factory.

## 7. Assumptions of secondary data used

IDEA v3.1.0

## 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/)