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

RICOH
imagine. change.

RICOH COMPANY,LTD.

Color MFP (Electrophotography)

# IM C3510 (for NA)



※The inner 1-bin tray shown in the image is not included in the LCA calculation scope of the relevant EPD.

## Functional unit

Per product

## System boundary

■ final products □intermediate products

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

## Main specifications of the product

Product name: IM C3510（for NA)

Main specifications:

MFP (Electrophotography)

Print Speed：Monochrome 35ppm,Color 35ppm (A4)

Maximum Paper Size：A3

Function: Print /Copy /Scan

Included Units in Assessment：Automatic Reversing Document Feeder, Automatic Duplexing Unit

## Company Information

RICOH COMPANY,LTD

https://www.ricoh.co.jp/

| | |
|---|---|
| **Registration#** | JR-AI-23215E-A |
| **PCR number** | PA-590000-AI-08 |
| **PCR name** | Imaging input and/or output equipment |
| **Publication date** | 21 Jul 2023 |
| **Verification date** | 30 Jun 2026 |
| **Verification method** | Product-by-product |
| **Verification#** | JV-AI-23215-A |
| **Expiration date** | 29 Jun 2031 |

**PCR review was conducted by:**

| | |
|---|---|
| **Approval date** | 1 Sep 2023 |
| PCR review panel chair | Masayuki Kanzaki (SuMPO) |

**Third party verifier***

Hiroyuki Uchida

Independent verification of data & declaration in accordance with ISO14025

□internal ■external

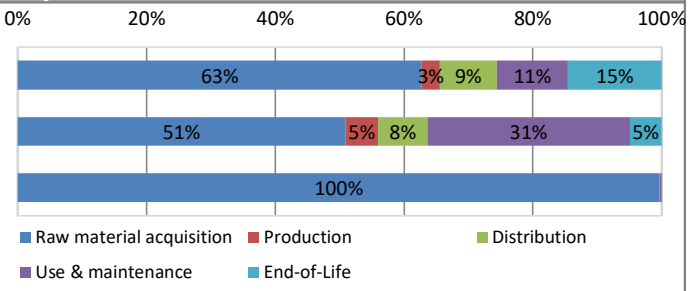
*Auditor's name is stated if system certification has been performed.

SuMPO EPD
Type III Environmental Declaration (EPD)
Registration number： JR-AI-23215E-A

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

| | | |
|---|---|---|
| Global warming IPCC2013 GWP100a | 840 | kg-$CO_2$eq |
| Acidification | 1.2 | kg-$SO_2$eq |
| Resources consumption | 0.72 | kg-Sbeq |




| Parameter \ stage | Unit | Total | Raw material acquisition | Production | Distribution | Use & maintenance | End-of-Life |
|---|---|---|---|---|---|---|---|
| Global warming IPCC2013 GWP100a | kg-$CO_2$eq | 8.4E+02 | 5.3E+02 | 2.4E+01 | 7.5E+01 | 9.3E+01 | 1.2E+02 |
| Acidification | kg-$SO_2$eq | 1.2E+00 | 6.1E-01 | 6.2E-02 | 9.1E-02 | 3.8E-01 | 5.9E-02 |
| Resources consumption | kg-Sbeq | 7.2E-01 | 7.1E-01 | 1.3E-04 | 3.3E-04 | 1.8E-03 | 6.5E-05 |

## 2. Life cycle inventory analysis (LCI)

| Parameter | | Unit |
|---|---|---|
| Non-renewable material resources | 8.6E+01 | kg |
| Renewable material resources | 1.0E+02 | kg |

## 3. Material composition

| Material | | Unit |
|---|---|---|
| SUS | 2.6E+00 | kg |
| Aluminum | 1.2E+00 | kg |
| Ordinary steel | 4.6E+01 | kg |
| Other metals | 3.6E+00 | kg |
| Thermoplastic resin | 3.9E+01 | kg |
| Thermosetting resin | 1.4E+00 | kg |
| Glass | 2.1E+00 | kg |
| Rubber | 8.3E-01 | kg |
| Paper | 1.1E+01 | kg |
| Lubricant | 5.6E-03 | kg |
| Mounting circuit board | 1.0E+00 | kg |
| Wood | 9.0E+00 | kg |
| Other | 0.0E+00 | kg |

## 5. Additional explanation

Products selected in the scenario used for load calculation
--MFP (Electrophotography)
・Product destination: NA
・ Expected usage period: 5 years
・ Estimated number of sheets:182,400 sheets ※
※Compatible with International Energy Star Program Ver.3.0
-The load on the image output medium (printing paper) is not included.

## 6-1. Supplementary environmental information

Compliant with the International Energy Star Program Ver.3.0. It also complies with the European RoHS Directive.
Assembly production of this product and production of the main parts, photoconductor and toner, are carried out at an ISO14001 certified factory.
Certification number: BSI-EMS765926 , JQA－E-70001
https://jp.ricoh.com/sustainability/environment/management/iso

## 7. Assumptions of secondary data used

IDEA v3.1.0, and registered data of Japan EPD Program by SuMPO v1.16 are used.

## 8. Remarks

Rev. A (30 Jun 2026) : Recalculated based on the latest data.

- 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/)