



SuMPO EPD

Type III Environmental Declaration (EPD)

Registration number : JR-AI-25351E

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

Black and White MFP (Electrophotography)

IM 9000 (for EU)



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 9000(for EU)

Main specifications:

MFP (Electrophotography)

Print Speed : Monochrome 90ppm (A4)

Maximum Paper Size : 13×19.2 inch

Function: Print /Copy /Scan

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

Registration#	JR-AI-25351E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	22 Dec 2025
Verification date	12 Dec 2025
Verification method	System certification
Verification#	JV-AI-25351
Expiration date	11 Dec 2030

PCR review was conducted by:

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

Third party verifier*

Hiroyuki Uchida

internal

external

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

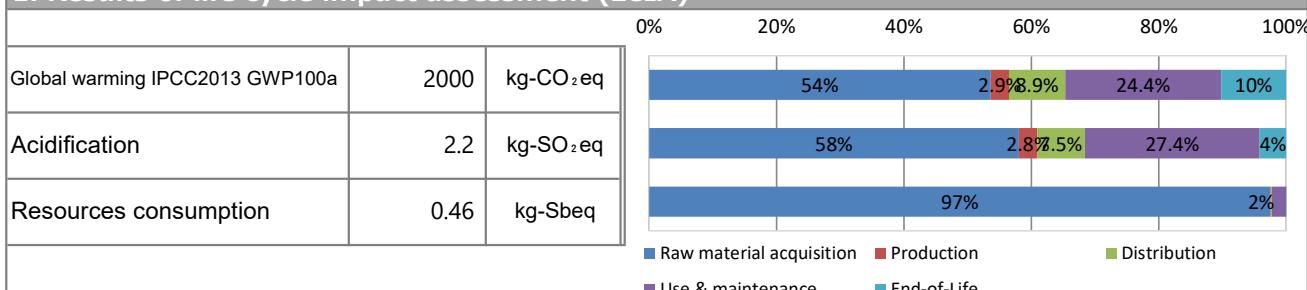
Company Information

RICOH COMPANY,LTD

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

Registration number : JR-AI-25351E

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	2.0E+03	1.1E+03	5.9E+01	1.8E+02	4.9E+02	2.1E+02
Acidification		kg-SO ₂ eq	2.2E+00	1.3E+00	6.3E-02	1.7E-01	6.0E-01	9.2E-02
Resources consumption		kg-Sbeq	4.6E-01	4.5E-01	3.9E-04	7.6E-04	1.0E-02	1.3E-04

2. Life cycle inventory analysis (LCI)

Parameter		Unit
Non-renewable material resources	2.3E+02	kg
Renewable material resources	2.5E+02	kg

3. Material composition

Material		Unit
SUS	5.0E+00	kg
Aluminum	5.1E+00	kg
Ordinary steel	1.3E+02	kg
Other metals	7.6E+00	kg
Thermoplastic resin	4.5E+01	kg
Thermosetting resin	1.1E+00	kg
Glass	2.3E+00	kg
Rubber	3.5E-01	kg
Paper	1.2E+01	kg
Lubricant	4.1E-02	kg
Mounting circuit board	2.0E+00	kg
Wood	1.3E+01	kg
Other	0.0E+00	kg

5. Additional explanation

Products selected in the scenario used for load calculation

--MFP (Electrophotography)

- Product destination: EU
- Expected usage period: 5 years
- Estimated number of sheets: 1209,600 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: JQA-E-70001 CERT-0138391

<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

- 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/>)