



SuMPO EPD  
Type III Environmental Declaration (EPD)

Registration number : JR-AI-24556E

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)

## RICOH Pro C5400S



### 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: RICOH Pro C5400S

Main specifications:

MFP (Electrophotography)

Print Speed : Monochrome 65ppm , Color 65ppm (A4)

Maximum Paper Size : 13×19.2 inch

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-24556E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	22 May 2025
Verification date	17 Apr 2025
Verification method	System certification
Verification#	JV-AI-24556
Expiration date	16 Apr 2030

### PCR review was conducted by:

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

### Third party verifier\*

Hiroyuki Uchida

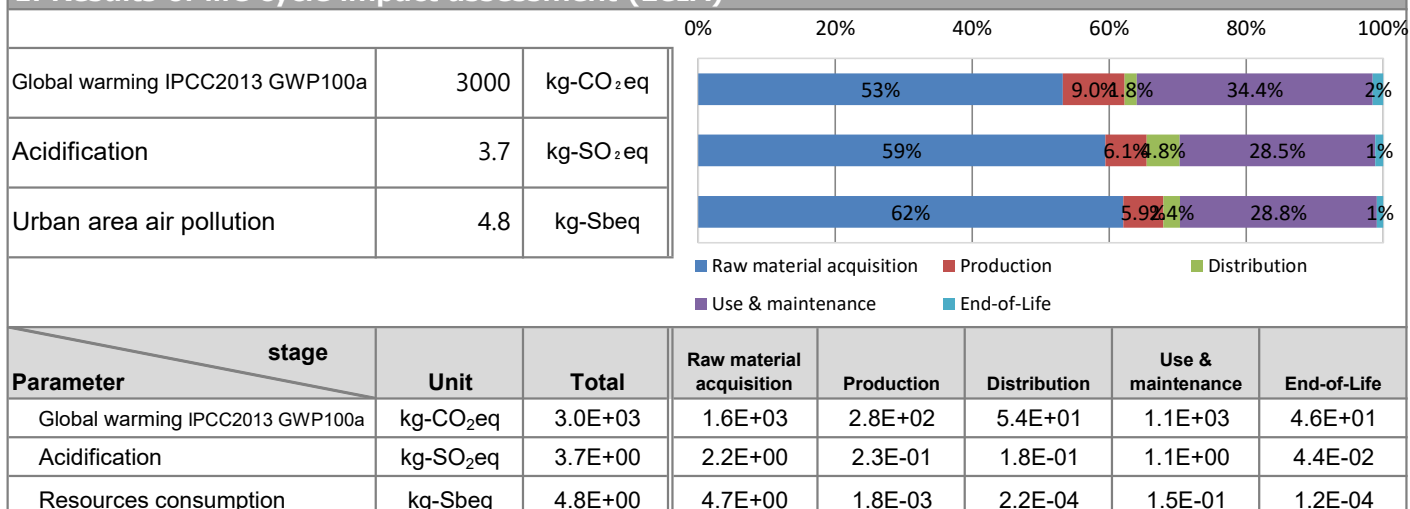
Independent verification of data & declaration in accordance  
with ISO14025

☐ internal ☒ external

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

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



## 2. Life cycle inventory analysis (LCI)

Parameter	Unit	Unit
Non-renewable material resources	2.9E+02	kg
Renewable material resources	3.4E+02	kg

## 3. Material composition

Material	Unit	Unit
SUS	1.4E+01	kg
Aluminum	1.7E+01	kg
Ordinary steel	1.6E+02	kg
Other metals	1.1E+01	kg
Thermoplastic resin	1.2E+02	kg
Thermosetting resin	2.3E+00	kg
Glass	3.3E+00	kg
Rubber	2.0E+00	kg
Paper	3.7E+00	kg
Lubricant	7.5E-02	kg
Mounting circuit board	1.7E+00	kg
Wood	1.4E-04	kg
Other	7.5E-02	kg

## 5. Additional explanation

Products selected in the scenario used for load calculation

--MFP (Electrophotography)

- Product destination: JAPAN
- Expected usage period: 5 years
- Estimated number of sheets: 633,600 sheets ※

※Compatible with International Energy Star Program Ver.3.0

-The load on the image output medium (printing paper) is not included.



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#### 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

<https://jp.ricoh.com/sustainability/environment/management/iso>

#### 7. Assumptions of secondary data used

The generic data is taken from IDEA ver3.1.0 and SuMPO Environmental Label Program Registration Data v1.15.

#### 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/>)

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