



SuMPO EPD  
Type III Environmental Declaration (EPD)

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization  
14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan  
<https://ecoleaf-label.jp/>

Registration number : JR-AI-25357E

**RICOH**  
imagine. change.

RICOH COMPANY,LTD.

Color Printer(Electrophotography)

# P C311W (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: P C311W for EU  
Main specifications:  
Printer (Electrophotography)  
Print Speed : Monochrome 25ppm ,Color 25ppm (A4)  
Maximum Paper Size : A3  
Function: Print  
Included Units in Assessment : Automatic Reversing

Registration#	JR-AI-25357E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	31 Mar 2026
Verification date	18 Mar 2026
Verification method	System certificaion
Verification#	JV-AI-25357
Expiration date	17 Mar 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

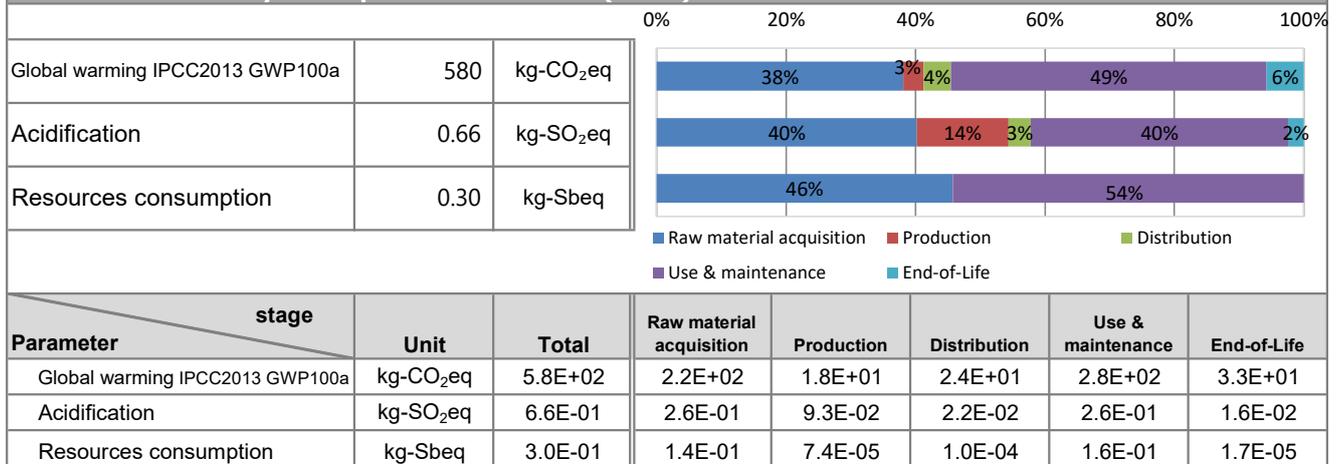
## Company Information

RICOH COMPANY,LTD  
<https://www.rioh.co.jp/>

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

Registration number : JR-AI-25357E

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



### 2. Life cycle inventory analysis (LCI)

Parameter	Value	Unit
Non-renewable material resources	3.7E+01	kg
Renewable material resources	7.1E+01	kg

### 3. Material composition

Material	Value	Unit
SUS	6.1E-01	kg
Aluminum	1.0E+00	kg
Ordinary steel	1.0E+01	kg
Other metals	6.1E-01	kg
Thermoplastic resin	1.1E+01	kg
Thermosetting resin	6.7E-01	kg
Glass	4.1E-01	kg
Rubber	1.7E-01	kg
Paper	3.7E+00	kg
Lubricant	2.9E-03	kg
Mounting circuit board	1.0E+00	kg
Wood	1.1E+00	kg
Other	0.0E+00	kg

### 5. Additional explanation

Products selected in the scenario used for load calculation

--Printer (Electrophotography)

- Product destination: EU
- Expected usage period: 5 years
- Estimated number of sheets:90,000 sheets ※

※Compatible with International Energy Star Program Ver.3.0

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



SuMPO EPD  
Type III Environmental Declaration (EPD)

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization  
14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan

Registration number : JR-AI-25357E

<https://ecoleaf-label.jp/>

#### 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, SGS-CN18/20330.01

<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/>)

Registration number : JR-AI-25357E