



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24345E

Japan EPD Program by SuMPO

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

KONICAMINOLTA ,INC.

# bizhub 551i



(Photo : Mounted option-unit(PC-417) is not included in the calculation. )

## Functional unit

Per unit of product

## System boundary

■ final products      □ intermediate products

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

## Main specifications of the product

Model name : bizhub 551i

- Marking technologies : Electrophotographic Printer (EP
- Printing speed(A4) : Monochrome 55 ppm

■ Printing paper : Maximum A3

■ Duplex function : Standard

## Company Information

Please direct any inquiries or comments  
to e-mail: [eco-support@konicaminolta.com](mailto:eco-support@konicaminolta.com)

Registration#	JR-AI-24345E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	10/28/2024
Verification date	10/18/2024
Verification method	System certificaion
Verification#	JV-AI-24345
Expiration date	10/17/2029
PCR review was conducted by:	
Approval date	9/1/2023
PCR review panel chair	Masayuki Kanzaki (Sustainable Management Promotion Organization)

## Third party verifier\*

Kazuo Naitou

Independent verification of data & declaration in  
accordance with ISO14025

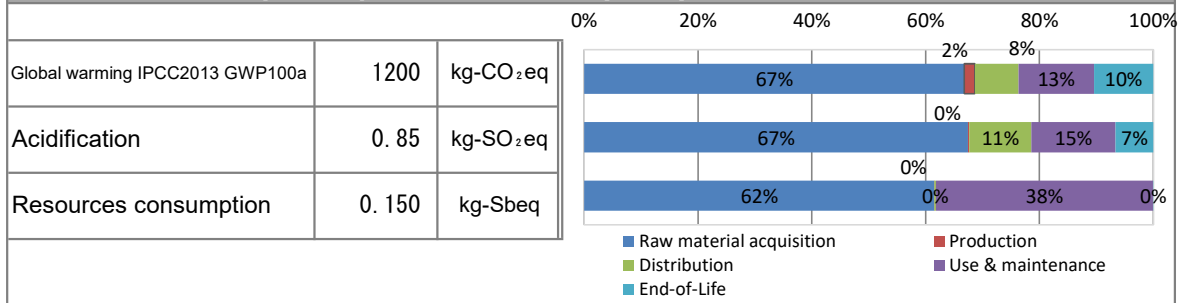
internal       external

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

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1. Results of life cycle impact assessment (LCIA)



stage Parameter	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a	kg-CO <sub>2</sub> eq	1.2E+03	7.9E+02	2.2E+01	9.0E+01	1.6E+02	1.2E+02
Acidification	kg-SO <sub>2</sub> eq	8.5E-01	5.7E-01	1.6E-03	9.2E-02	1.3E-01	5.6E-02
Resources consumption	kg-Sbeq	1.5E-01	9.5E-02	3.1E-05	3.6E-04	5.9E-02	1.3E-04

2. Life cycle inventory analysis (LCI)

Parameter	Unit	Unit
Non-renewable material resources	7.6E+01	kg
Renewable material resources	1.4E+02	kg

3. Material composition

Material	Unit	Unit
Steel	4.4E+01	kg
SUS	8.1E-01	kg
Al	4.8E-01	kg
Other metals	2.0E+00	kg
Glass	1.6E+00	kg
Thermoplastics resin	3.5E+01	kg
Wood	5.5E+00	kg
Paper	8.3E+00	kg
Rubber	5.4E-01	kg
Assembled circuit board	4.8E+00	kg
Medium-sized motor	6.7E+00	kg



### 5. Additional explanation

- Production destination : EU
- Calculation method of use stage (Calculated by the standard scenario for PRINTER (EP type))
- Expected usage period : five years
- Estimated number of sheets used : 451,200
- 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® Ver3.0 Program

### 6-1. Supplementary environmental information

### 7. Assumptions of secondary data used

IDEA v2.1.3 and Ecoleaf Environmental Labeling Program Registry data v1.10

### 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/>)