



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-20107E

Ecoleaf Environmental Labeling Program

Sustainable Management Promotion Organization

2-1, Kaji-cho 2 chome, Chiyoda-ku, Tokyo Japan

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

KONICAMINOLTA ,INC.

# bizhub C227i



Photo : Mounted option-unit 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 C227i

■ Marking technologies : Electrophotographic Printer (EP)

■ Printing speed(A4) : Monochrome 22 prints-per-minute

Color 22 prints-per-minute

■ 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-20107E
PCR number	PA-590000-AI-03
PCR name	Imaging input and/or output equipment
Publication date	02/05/2021
Verification date	01/28/2021
Verification method	System certificaion
Verification#	JV-AI-20107
Expiration date	01/27/2026
PCR review was conducted by:	
Approval date	11/08/2019
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

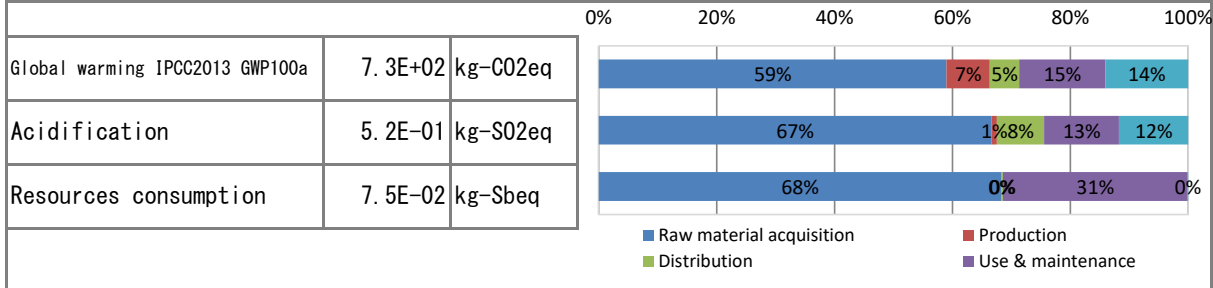
external

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

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



Parameter	stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a		kg-CO <sub>2</sub> eq	7.3E+02	4.3E+02	5.3E+01	3.6E+01	1.1E+02	1.0E+02
Acidification		kg-SO <sub>2</sub> eq	5.2E-01	3.4E-01	4.7E-03	4.1E-02	6.6E-02	6.1E-02
Resources consumption		kg-Sbeq	7.5E-02	5.1E-02	8.0E-05	1.5E-04	2.3E-02	1.1E-04

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

Parameter	Value	Unit
Non-renewable material resources	4.5E+01	kg
Renewable material resources	1.0E+02	kg

**3. Material composition**

Material	Value	Unit
Steel	3.2E+01	kg
SUS	2.5E-01	kg
Al	7.0E-01	kg
Other metals	1.8E+00	kg
Glass	2.7E+00	kg
Thermoplastics resin	2.6E+01	kg
Wood	5.0E+00	kg
Paper	4.5E+00	kg
Rubber	7.0E-01	kg
Assembled circuit board	1.3E+00	kg
Medium-sized motor	1.90E+00	kg

**5. Additional explanation**

- Production destination : Australia
  - Calculation method of use stage (Calculated by the standard scenario for MFP (EP type))
    - Expected usage period : five years
    - Estimated number of sheets used : 72,600
    - 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



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#### 6-1. Supplementary environmental information

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#### 7. Assumptions of secondary data used

IDEA v2.1.3 and Ecoleaf Environmental Labeling Program Registry data v1.06

#### 8. Remarks

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- 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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