



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24336E

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 C301i



(Photo : Mounted option-unit(DF-714,PC-216) 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 C301i

- Marking technologies : Electrophotographic Printer (EP)
- Printing speed(A4) : Monochrome 30 ppm  
Color 30 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-24336E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	10/7/2024
Verification date	9/27/2024
Verification method	System certificaion
Verification#	JV-AI-24336
Expiration date	9/26/2029
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

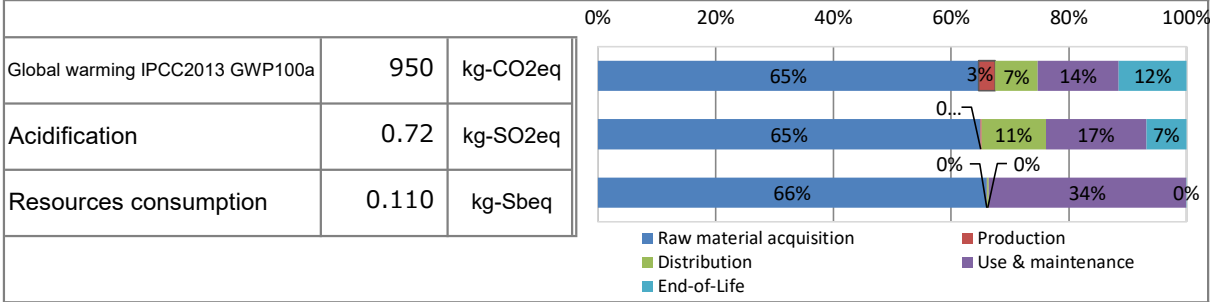
internal       external

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

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



Parameter	stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a		kg-CO <sub>2</sub> eq	9.5E+02	6.2E+02	2.7E+01	6.9E+01	1.3E+02	1.1E+02
Acidification		kg-SO <sub>2</sub> eq	7.2E-01	4.7E-01	1.6E-03	7.9E-02	1.2E-01	4.9E-02
Resources consumption		kg-Sbeq	1.1E-01	7.5E-02	8.1E-05	2.7E-04	3.8E-02	8.7E-05

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

Parameter	Unit	Value
Non-renewable material resources	kg	6.3E+01
Renewable material resources	kg	1.1E+02

**3. Material composition**

Material	Unit	Value
Steel	kg	4.2E+01
SUS	kg	5.1E-01
Al	kg	7.8E-01
Other metals	kg	1.9E+00
Glass	kg	2.1E+00
Thermoplastics resin	kg	3.0E+01
Wood	kg	5.5E+00
Paper	kg	5.4E+00
Rubber	kg	4.7E-01
Assembled circuit board	kg	3.5E+00
Medium-sized motor	kg	2.9E+00



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## 5. Additional explanation

- Production destination : EU
- Calculation method of use stage (Caluclated by the standard scenario for MFP (EP type))
- Expected usage period : five years
- Estimated number of sheets used : 135,000
- 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 Enviromental 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/>)

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