



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-20083E-A

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 650i



## 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 650i

- Marking technologies : Electrophotographic Printer (EP)
- Printing speed(A4) : Monochrome 65 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)

<b>Registration#</b>	JR-AI-20083E-A
<b>PCR number</b>	PA-590000-AI-03
<b>PCR name</b>	Imaging input and/or output equipment
<b>Publication date</b>	09/10/2020
<b>Verification date</b>	01/28/2021
<b>Verification method</b>	System certificaion
<b>Verification#</b>	JV-20083-A
<b>Expiration date</b>	01/27/2026
<b>PCR review was conducted by:</b>	
<b>Approval date</b>	11/08/2019
<b>PCR review panel chair</b>	Masayuki Kanzaki (Sustainable Management Promotion Organization)

## Third party verifier\*

Kazuo Naitou

Independent verification of data & declaration in accordance with ISO14025

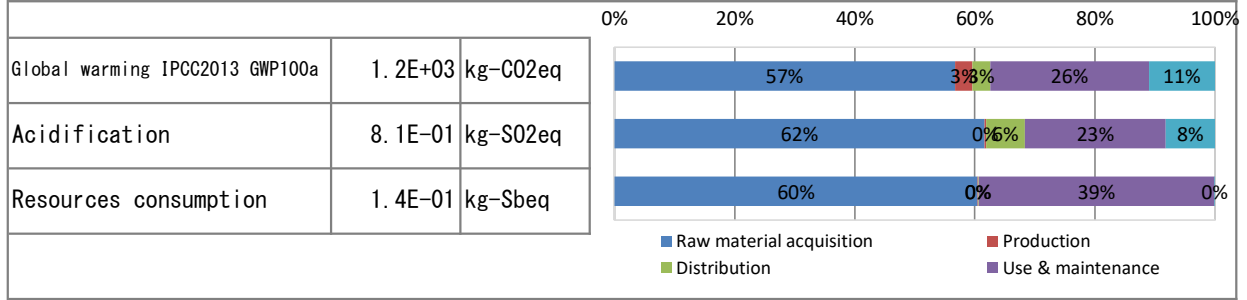
internal       external

\*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	1.2E+03	6.9E+02	3.5E+01	3.6E+01	3.2E+02	1.3E+02
Acidification		kg-SO <sub>2</sub> eq	8.1E-01	5.0E-01	2.1E-03	5.2E-02	1.9E-01	6.6E-02
Resources consumption		kg-Sbeq	1.4E-01	8.6E-02	1.1E-04	1.5E-04	5.6E-02	1.1E-04

2. Life cycle inventory analysis (LCI)

Parameter	Unit
Non-renewable material resources	7.4E+01 kg
Renewable material resources	1.4E+02 kg

3. Material composition

Material	Unit
Steel	4.7E+01 kg
SUS	4.8E-01 kg
Al	6.2E-01 kg
Other metals	1.6E+00 kg
Glass	9.3E-01 kg
Thermoplastics resin	3.6E+01 kg
Wood	5.5E+00 kg
Paper	8.5E+00 kg
Rubber	1.2E+00 kg
Assembled circuit board	3.1E+00 kg

5. Additional explanation

- Production destination : Japan
- Calculation method of use stage (Calculated by the standard scenario for MFP (EP type))
  - Expected usage period : five years
  - Estimated number of sheets used : 633,600
  - 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

- ENERGY STAR® Ver.3.0 qualified

#### 7. Assumptions of secondary data used

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

#### 8. Remarks

Revise day:02/05/2021 Revised the calculation / description method and re-verified.

- 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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