



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-20088E

Ecoleaf Environmental Labeling Program

Sustainable Management Promotion Organization

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

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

KONICAMINOLTA ,INC.



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 4050i

- Marking technologies : Electrophotographic Printer (EP)
- Printing speed(A4) : Monochrome 40 prints-per-minute
- Printing paper : Maximum A4
- Duplex function : Standard

Company Information

Please direct any inquiries or comments
to e-mail: eco-support@konicaminolta.com

Registration#	JR-AI-20088E
PCR number	PA-590000-AI-03
PCR name	Imaging input and/or output equipment
Publication date	03/24/2021
Verification date	03/16/2021
Verification method	System certification
Verification#	JV-AI-20088
Expiration date	03/15/2026
PCR review was conducted by:	
Approval date	11/8/2019
PCR review panel chair	Masayuki Kanzaki (Sustainable Management Promotion Organization)

Third party verifier*

Kazuo Naitou

Independent verification of data & declaration in accordance
with ISO14025

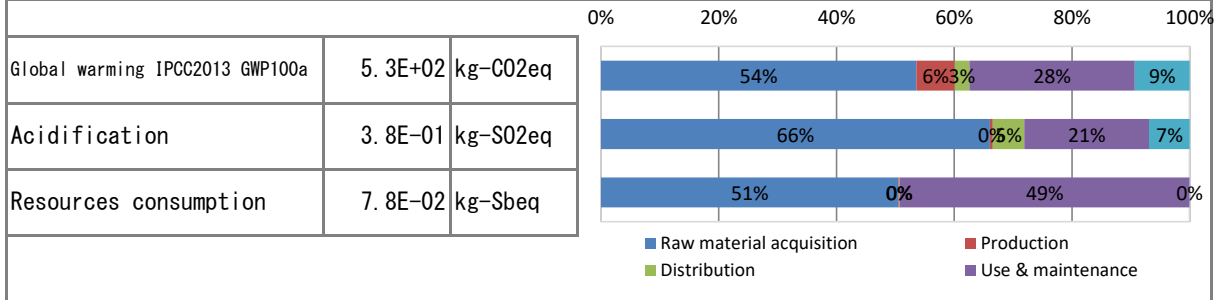
internal external

*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 ₂ eq	5.3E+02	2.8E+02	3.4E+01	1.3E+01	1.5E+02	5.0E+01
Acidification		kg-SO ₂ eq	3.8E-01	2.5E-01	1.9E-03	2.0E-02	8.1E-02	2.6E-02
Resources consumption		kg-Sbeq	7.8E-02	4.0E-02	1.3E-04	5.6E-05	3.8E-02	4.5E-05

2. Life cycle inventory analysis (LCI)

Parameter	Value	Unit
Non-renewable material resources	2.6E+01	kg
Renewable material resources	6.8E+01	kg

3. Material composition

Material	Value	Unit
Steel	1.4E+01	kg
SUS	2.1E-01	kg
Al	6.7E-01	kg
Other metals	4.9E-01	kg
Glass	4.2E-01	kg
Thermoplastics resin	1.4E+01	kg
Wood	3.6E+00	kg
Paper	3.0E+00	kg
Rubber	3.8E-01	kg
Assembled circuit board	1.6E+00	kg
Medium-sized motor	1.46E+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 : 240,000
 - 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



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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

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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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