



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-20087E

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 4700i

■ Marking technologies : Electrophotographic Printer (EP)

■ Printing speed(8.5"×11") :

Monochrome 47 prints-per-minute

■ Printing paper : Maximum 8.5"×11"

■ Duplex function : Standard

Company Information

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

Registration#	JR-AI-20087E
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 certificaion
Verification#	JV-AI-20087
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

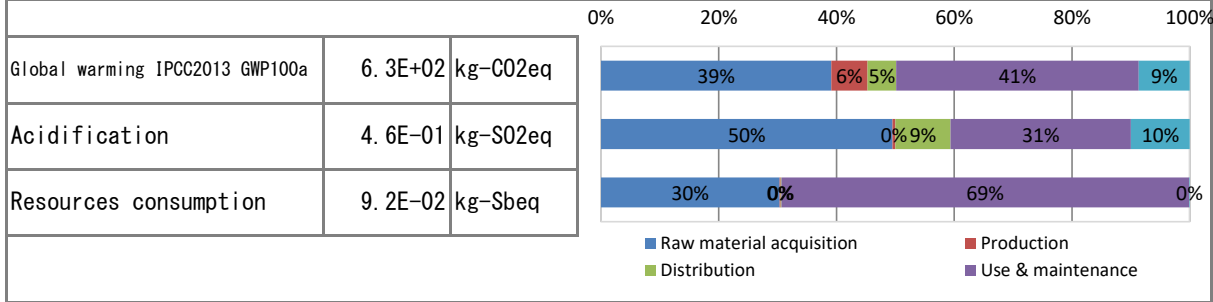
internal external

*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	6.3E+02	2.5E+02	3.9E+01	3.0E+01	2.6E+02	5.5E+01
Acidification		kg-SO ₂ eq	4.6E-01	2.3E-01	2.2E-03	4.3E-02	1.4E-01	4.6E-02
Resources consumption		kg-Sbeq	9.2E-02	2.8E-02	1.4E-04	1.3E-04	6.4E-02	9.7E-05

2. Life cycle inventory analysis (LCI)

Parameter	Value	Unit
Non-renewable material resources	2.5E+01	kg
Renewable material resources	7.4E+01	kg

3. Material composition

Material	Value	Unit
Steel	1.3E+01	kg
SUS	1.2E-01	kg
Al	6.7E-01	kg
Other metals	4.6E-01	kg
Glass	0.0E+00	kg
Thermoplastics resin	1.1E+01	kg
Wood	3.6E+00	kg
Paper	2.6E+00	kg
Rubber	7.4E-02	kg
Assembled circuit board	1.4E+00	kg
Medium-sized motor	9.92E-01	kg

5. Additional explanation

- Production destination : North America
- Calculation method of use stage (Calculated by the standard scenario for Printer (EP type))
 - Expected usage period : five years
 - Estimated number of sheets used : 326,400
 - 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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