



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-20086E

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 4750i

- 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](mailto:eco-support@konicaminolta.com)

Registration#	JR-AI-20086E
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-20086
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

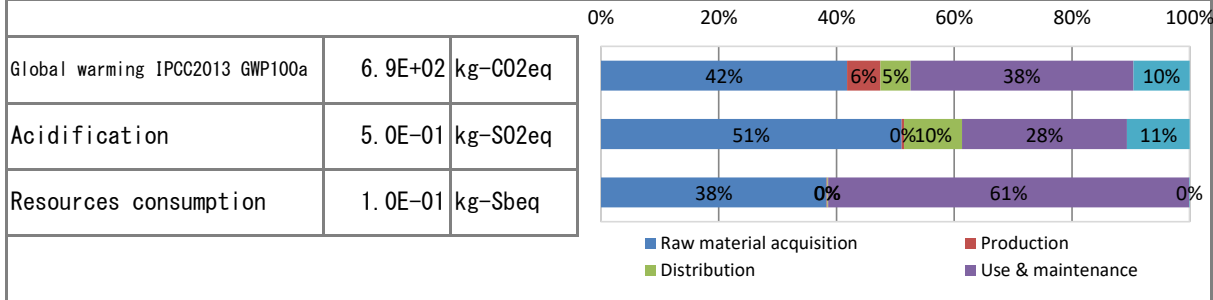
internal       external

\*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 <sub>2</sub> eq	6.9E+02	2.9E+02	3.9E+01	3.5E+01	2.6E+02	6.6E+01
Acidification		kg-SO <sub>2</sub> eq	5.0E-01	2.6E-01	2.1E-03	4.9E-02	1.4E-01	5.4E-02
Resources consumption		kg-Sbeq	1.0E-01	4.0E-02	1.4E-04	1.5E-04	6.4E-02	1.1E-04

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

Parameter	Value	Unit
Non-renewable material resources	2.8E+01	kg
Renewable material resources	8.4E+01	kg

**3. Material composition**

Material	Value	Unit
Steel	1.5E+01	kg
SUS	2.1E-01	kg
Al	6.8E-01	kg
Other metals	4.9E-01	kg
Glass	4.3E-01	kg
Thermoplastics resin	1.4E+01	kg
Wood	3.6E+00	kg
Paper	3.0E+00	kg
Rubber	3.9E-01	kg
Assembled circuit board	1.6E+00	kg
Medium-sized motor	1.48E+00	kg

**5. Additional explanation**

- Production destination : North America
- Calculation method of use stage (Calculated by the standard scenario for MFP (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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