



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-23113E

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 850i



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 850i

- Marking technologies : Electrophotographic Printer (EP)
- Printing speed(8.5"×11") : Monochrome 85 prints-per

-minute

- Printing paper : Maximum 11"×17"
- Duplex function : Standard

Company Information

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

Registration#	JR-AI-23113E
PCR number	PA-590000-AI-06
PCR name	Imaging input and/or output equipment
Publication date	05/10/2023
Verification date	04/27/2023
Verification method	System certificaion
Verification#	JV-AI-23113
Expiration date	04/26/2028
PCR review was conducted by:	
Approval date	03/29/2023
PCR review panel chair	Masayuki Kanzaki (Sustainable Management Promotion Organization)

Third party verifier*

Kazuo Naitou

Independent verification of data & declaration in accordance
with ISO14025

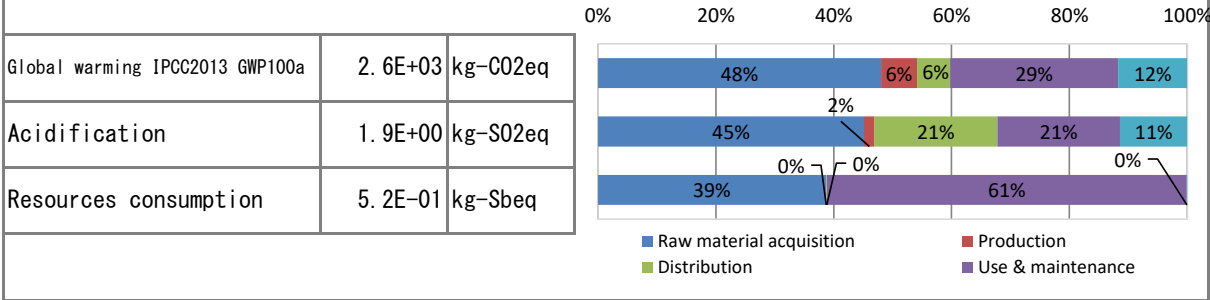
internal external

*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 ₂ eq	2.6E+03	1.2E+03	1.6E+02	1.4E+02	7.3E+02	3.0E+02
Acidification		kg-SO ₂ eq	1.9E+00	8.6E-01	3.4E-02	4.0E-01	4.0E-01	2.2E-01
Resources consumption		kg-Sbeq	5.2E-01	2.0E-01	4.4E-04	5.5E-04	3.2E-01	5.1E-04

2. Life cycle inventory analysis (LCI)

Parameter	Unit	Unit
Non-renewable material resources	1.9E+02	kg
Renewable material resources	2.7E+02	kg

3. Material composition

Material	Unit	Unit
Steel	1.3E+02	kg
SUS	3.7E+00	kg
Al	1.3E+00	kg
Other metals	2.8E+00	kg
Glass	2.3E+00	kg
Thermoplastics resin	4.3E+01	kg
Wood	1.1E+01	kg
Paper	1.3E+01	kg
Rubber	1.1E+00	kg
Assembled circuit board	5.0E+00	kg
Medium-sized motor	1.1E+01	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 : 1,075,200
 - 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® qualified

7. Assumptions of secondary data used

IDEA v2.1.3 and Ecoleaf Environmental 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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