EcoLeaf

Type III Environmental Declaration (EPD)

Registration number： JR-AI-20107E

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 C227i

Photo：Mounted option-unit is not included in the calculation.

Functional unit

Per unit of product

System boundary

■ final products　□intermediate products

Raw material acquision, Production, Distribution, Use & maintenance, End-of-Life

Main specifications of the product

Model name：bizhub C227i

■Marking technologies：Electrophotographic Printer (EP)

■Printing speed(A4)：Monochrome 22 prints-per-minute
Color 22 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

Registration#	JR-AI-20107E
PCR number	PA-590000-AI-03
PCR name	Imaging input and/or output equipment
Publication date	02/05/2021
Verification date	01/28/2021
Verification method	System certificaion
Verification#	JV-AI-20107
Expiration date	01/27/2026

PCR review was conducted by:

Approval date	11/08/2019
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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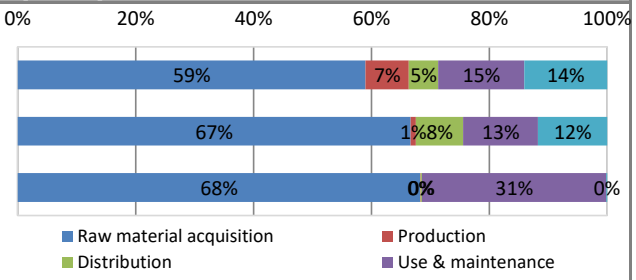
1. Results of life cycle impact assessment (LCIA)

Global warming IPCC2013 GWP100a	7.3E+02	kg-CO2eq
Acidification	5.2E-01	kg-SO2eq
Resources consumption	7.5E-02	kg-Sbeq



Parameter \ stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a	kg-CO_2eq	7.3E+02	4.3E+02	5.3E+01	3.6E+01	1.1E+02	1.0E+02
Acidification	kg-SO_2eq	5.2E-01	3.4E-01	4.7E-03	4.1E-02	6.6E-02	6.1E-02
Resources consumption	kg-Sbeq	7.5E-02	5.1E-02	8.0E-05	1.5E-04	2.3E-02	1.1E-04

2. Life cycle inventory analysis (LCI)

Parameter		Unit
Non-renewable material resources	4.5E+01	kg
Renewable material resources	1.0E+02	kg

3. Material composition

Material		Unit
Steel	3.2E+01	kg
SUS	2.5E-01	kg
Al	7.0E-01	kg
Other metals	1.8E+00	kg
Glass	2.7E+00	kg
Thermoplastics resin	2.6E+01	kg
Wood	5.0E+00	kg
Paper	4.5E+00	kg
Rubber	7.0E-01	kg
Assembled circuit board	1.3E+00	kg
Medium-sized motor	1.90E+00	kg

5. Additional explanation

・Production destination : Australia

・Calculation method of use stage (Calculated by the standard scenario for MFP (EP type))

- Expected usage period : five years
- Estimated number of sheets used : 72,600
- 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

6-1. Supplementary environmental information

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7. Assumptions of secondary data used

IDEA v2.1.3 and Ecoleaf Enviromental 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/)