



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24040E

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization

14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan

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



Color MFD

TASKalfa 2460ci+

KYOCERA Document Solutions Inc.

PAPER FEEDER + CABINET are optional equipment, their impact is not included

### 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 : Color MFD

TASKalfa 2460ci+

Making Technology : Electrophotographic Printer (EP)

Printing Speed: Color 24 pages per minute in A4

Monochrome 24 pages per minute in A4

Printing paper : Maximum A3

Copy / Print / Scan

Duplex function: Standard    ADF: Standard

### Company Information

KYOCERA Document Solutions Inc.

Quality Assurance Division Reliability Assurance Section 11

TEL : 06-6764-3764

<http://www.kyoceradocumentsolutions.co.jp/>

Registration#	JR-AI-24040E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	3/15/2024
Verification date	3/5/2024
Verification method	System certification
Verification#	JV-AI-24040E
Expiration date	3/4/2029
PCR review was conducted by:	
Approval date	9/1/2023
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

### Third party verifier\*

Wataru Kawamura

Independent verification of data & declaration in accordance with ISO14025

internal

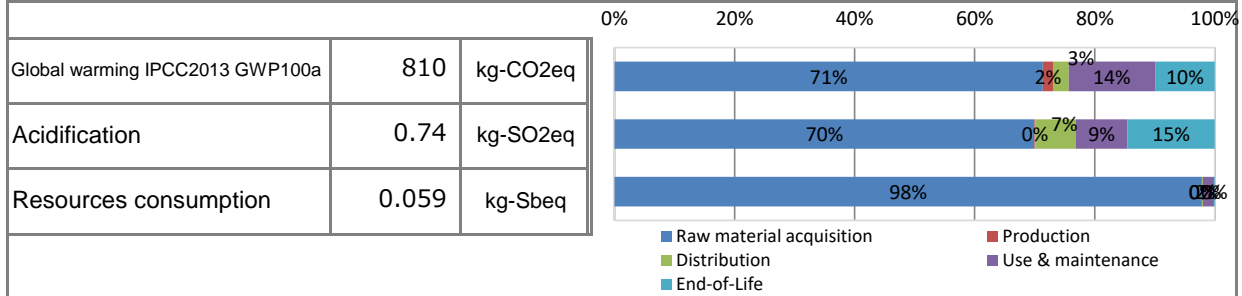
external

\*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	8.1E+02	5.8E+02	1.4E+01	2.1E+01	1.2E+02	8.1E+01
Acidification		kg-SO <sub>2</sub> eq	7.4E-01	5.2E-01	1.0E-03	5.0E-02	6.4E-02	1.1E-01
Resources consumption		kg-Sbeq	5.9E-02	5.8E-02	2.0E-05	9.0E-05	1.1E-03	8.6E-05

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

Parameter	Value	Unit
Non-renewable material resources	6.2E+01	kg
Non-renewable energy resources	1.3E+04	MJ
Renewable material resources	1.6E+02	kg
Renewable primary energy	2.1E+02	MJ

### 3. Material composition

Material	Value	Unit
Steel	3.1E+01	kg
SUS	6.1E-01	kg
Cu	1.5E+00	kg
Al	1.2E+00	kg
Other metals	3.1E-02	kg
Glass	2.1E+00	kg
Thermoplastics resin	3.4E+01	kg
Thermosetting resin	4.5E-01	kg
Rubber	1.8E-01	kg
Paper	2.0E+01	kg
Assembled circuit board	2.4E+00	kg
Medium-sized motor	2.7E+00	kg

### 5. Additional explanation

- Product destination: Japan
- Calculation method of use stage (scenario)
  - ① Expected usage period: five years
  - ② Estimated number of sheets used: Monochrome 43,200 Color 43,200
  - ③ The impact of printing paper is not included
- Products selected in the scenario used for inventory calculation : Copier, Printer and Multifunction device (EP)
- Conformed to the International ENERGY STAR® Ver3.0 Program
- Consumables will be shipped directly from the factory to the country of sale separately from the product body and all of them are accounted for in the use and maintenance



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#### 6-1. Supplementary environmental information

- Conformed to the International ENERGY STAR® Program
- Manufactured at ISO14001 certified factories.
- Halogenated flame retardants are not used in Plastic housing and outer package.

#### 7. Assumptions of secondary data used

IDEA v2.1.3 and Japan EPD Program by SuMPO Registry data v1.13

#### 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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