



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24637E

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization

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

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



# Monochrome MFD TASKalfa MZ7001i(US)

KYOCERA Document Solutions Inc.

The impact of following options is not included.

ADF

Paper Feeder (× 2)

## 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 : Monochrome MFD

TASKalfa MZ7001i(US)

Making Technology : Electrophotographic Printer (EP)

Printing Speed:

Monochrome 70 pages per minute in A4

Printing paper : Maximum A3

Duplex function: Standard    ADF: Option

Copy / Print / Scan / FAX    (FAX: Option)

## Company Information

KYOCERA Document Solutions Inc.

Quality Assurance Division Reliability Assurance Section 21

TEL : 06-6764-3764

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

Registration#	JR-AI-24637E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	3/31/2025
Verification date	3/17/2025
Verification method	System certification
Verification#	JV-AI-24637E
Expiration date	3/16/2030
PCR review was conducted by:	
Approval date	9/1/2023
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

## Third party verifier\*

Hiroyuki Uchida

Independent verification of data & declaration in accordance with ISO14025

internal

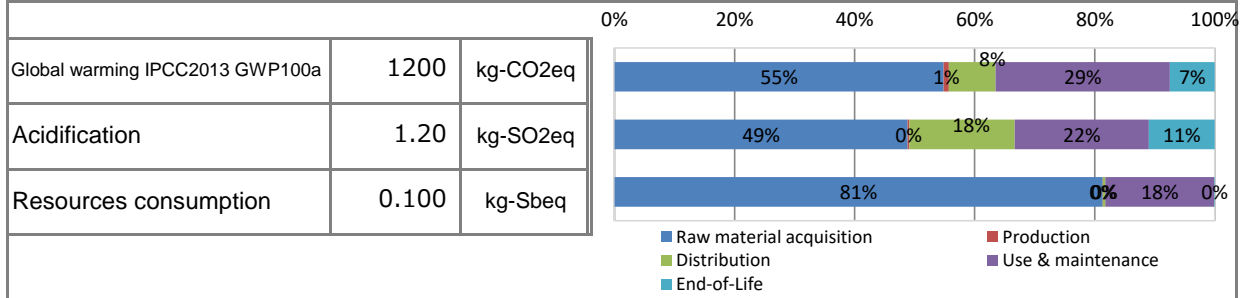
external

\*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	1.2E+03	6.8E+02	1.0E+01	9.7E+01	3.6E+02	9.3E+01
Acidification		kg-SO <sub>2</sub> eq	1.2E+00	5.7E-01	3.7E-03	2.1E-01	2.6E-01	1.3E-01
Resources consumption		kg-Sbeq	1.0E-01	8.1E-02	4.4E-05	4.1E-04	1.8E-02	1.2E-04

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

Parameter	Value	Unit
Non-renewable material resources	8.7E+01	kg
Non-renewable energy resources	1.9E+04	MJ
Renewable material resources	2.2E+02	kg
Renewable primary energy	3.4E+02	MJ

**3. Material composition**

Material	Value	Unit
Steel	4.0E+01	kg
SUS	1.8E+00	kg
Cu	1.9E+00	kg
Al	8.2E-01	kg
Other metals	3.1E-02	kg
Glass	1.8E+00	kg
Thermoplastics resin	3.3E+01	kg
Thermosetting resin	1.0E+00	kg
Rubber	5.0E-02	kg
Paper	1.2E+01	kg
Wood	1.1E+01	kg
Assembled circuit board	3.2E+00	kg
Medium-sized motor	2.5E+00	kg

**5. Additional explanation**

- Product destination: North America
- Calculation method of use stage (scenario)
  - ① Expected usage period: five years
  - ② Estimated number of sheets used: Monocrome 729,600
  - 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® Ver3.2 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 v1.17

#### 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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