



Color MFD TASKalfa MZ8500ci(US)

KYOCERA Document Solutions 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 : Color MFD
 TASKalfa MZ8500ci(US)
 Making Technology : Electrophotographic Printer (EP)
 Printng Speed:
 Monochrome 85 pages per minute in A4
 Color 75 pages per minute in A4
 Printing paper : Maximum 13 inch X 19.2 inch/SRA3
 Duplex function: Standard
 ADF: Standard
 Copy / Print / Scan / FAX(Optional)
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-26079E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	3 July 2026
Verification date	18 June 2026
Verification method	System certificaion
Verification#	JV-AI-26079E
Expiration date	6/17/2031
PCR review was conducted by:	
Approval date	1 September 2023
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

Third party verifier*

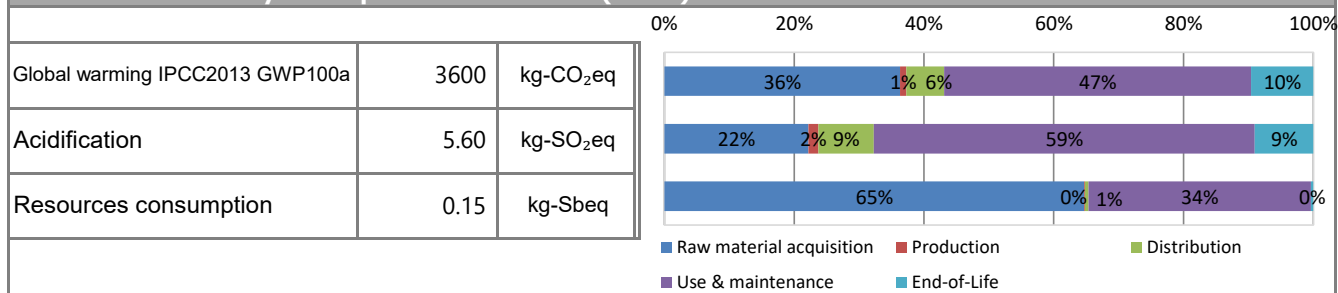
Hiroyuki Uchida

Independent verification of data & declaration in accordance with ISO14025

internal external

*Auditor's name is stated if system certification has been performed.

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	3.6E+03	1.3E+03	3.4E+01	2.1E+02	1.7E+03	3.4E+02
Ozone layer destruction		kg-CFC-11eq	2.7E-04	1.6E-04	6.1E-06	2.6E-09	9.3E-05	8.4E-06
Acidification		kg-SO ₂ eq	5.6E+00	1.2E+00	8.7E-02	4.8E-01	3.3E+00	5.0E-01
Photochemical ozone		kg-C ₂ H ₄ eq	6.0E-02	3.6E-02	5.1E-04	1.1E-03	2.1E-02	1.2E-03
Eutrophication		kg-PO ₄ ³⁻ eq	2.1E-01	2.9E-02	6.9E-04	2.1E-09	1.8E-01	2.4E-04
Resources consumption		kg-Sbeq	1.5E-01	9.8E-02	2.0E-04	8.7E-04	5.2E-02	5.7E-04

2. Life cycle inventory analysis (LCI)

Parameter	Value	Unit
Non-renewable material resources	2.1E+02	kg
Non-renewable energy resources	5.5E+04	MJ
Renewable material resources	4.5E+02	kg
Renewable primary energy	3.8E+03	MJ

3. Material composition

Material	Value	Unit
Steel	8.4E+01	kg
SUS	3.3E+00	kg
Cu	3.5E+00	kg
Al	2.9E+00	kg
Thermoplastics resin	5.5E+01	kg
Thermosetting resin	6.9E-01	kg
Rubber	3.1E-01	kg
Paper	2.0E+01	kg
Assembled circuit board	5.8E+00	kg
Medium-sized motor	6.6E+00	kg
Glass	8.5E+00	kg
Wood	1.6E+01	kg
Other electric electronic component	1.1E-01	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:
Monochrome 537,600
Color 417,600
 - 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® Ver3.2Program
- 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 phase.



SuMPO EPD
Type III Environmental Declaration (EPD)

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization
14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan

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

Registration number : JR-AI-26079E

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 v3.1.0 and Japan EPD Program by SuMPO Registry data v1.16

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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