



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-23250E

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 Pro 15000c/B

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 : Monochrome MFD  
TASKalfa Pro 15000c/B

Making Technology : High Performance Inkjet  
Printng Speed: Monochrome 150 pages per minute in A4  
Printing paper : Maximum A3  
Duplex function: 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-23250E
PCR number	PA-590000-AI-07
PCR name	Imaging input and/or output equipment
Publication date	9/6/2023
Verification date	8/24/2023
Verification method	System certificaion
Verification#	JV-AI-23250E
Expiration date	8/23/2028
PCR review was conducted by:	
Approval date	4/24/2023
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

## Third party verifier\*

Wataru Kawamura

Independent verification of data & declaration in accordance with ISO14025

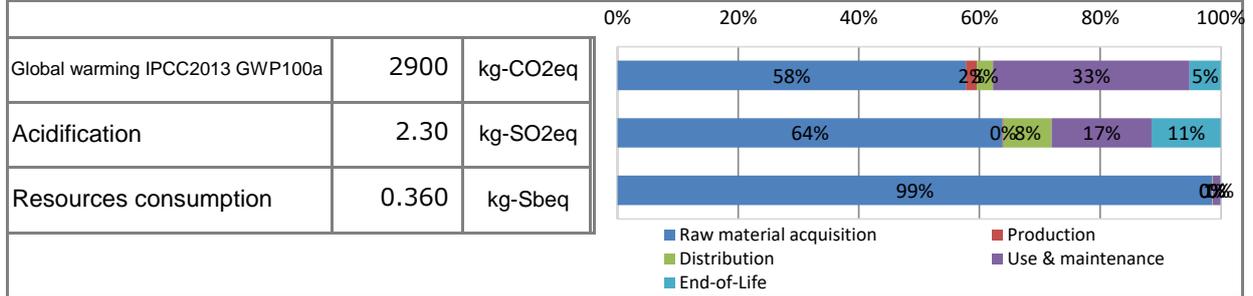
internal     external

\*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	2.9E+03	1.7E+03	5.4E+01	7.8E+01	9.6E+02	1.5E+02
Acidification		kg-SO <sub>2</sub> eq	2.3E+00	1.4E+00	3.9E-03	1.8E-01	3.7E-01	2.6E-01
Resources consumption		kg-Sbeq	3.6E-01	3.5E-01	7.7E-05	3.3E-04	4.5E-03	2.3E-04

2. Life cycle inventory analysis (LCI)

Parameter	Value	Unit
Non-renewable material resources	3.0E+02	kg
Non-renewable energy resources	4.6E+04	MJ
Renewable material resources	2.5E+02	kg
Renewable primary energy	1.0E+03	MJ

3. Material composition

Material	Value	Unit
Steel	2.1E+02	kg
SUS	1.4E+01	kg
Cu	5.4E+00	kg
Al	4.3E+00	kg
Other metal	3.0E-02	kg
Glass	1.7E+00	kg
Thermoplastics resin	5.1E+01	kg
Thermosetting resin	5.5E-01	kg
Rubber	9.4E-01	kg
Paper	1.5E+01	kg
Wood	2.8E+01	kg
Assembled circuit board	5.6E+00	kg
Medium-sized motor	1.0E+01	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: Monocrome 3,369,600
  - ③ The impact of printing paper is not included
- Products selected in the scenario used for inventory calculation : Multifunction device (High Performance IJ)
- 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® Ver3.0 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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