



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-20075E

Ecoleaf Environmental Labeling Program

Sustainable Management Promotion Organization

2-1, Kaji-cho 2 chome, Chiyoda-ku, Tokyo Japan

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



Color MFD

TASKalfa 408ci

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

TASKalfa408ci

Making Technology :Electrophotographic Printer (EP)

Printng Speed: Monochrome 40Pages per minute in A4

Color 40Pages per minute in A4

printing paper: Maximum A4

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-20075E
PCR number	PA-590000-AI-03
PCR name	Imaging input and/or output equipment
Publication date	7/22/2020
Verification date	7/10/2020
Verification method	System certificaion
Verification#	JV-AI-20075E
Expiration date	7/9/2025
PCR review was conducted by:	
Approval date	11/8/2019
PCR review panel chair	Masayuki Kanzaki Sustanable Management Promotion Organizati

### Third party verifier\*

Wataru Kawamura

Independent verification of data & declaration in accordance with ISO14025

internal

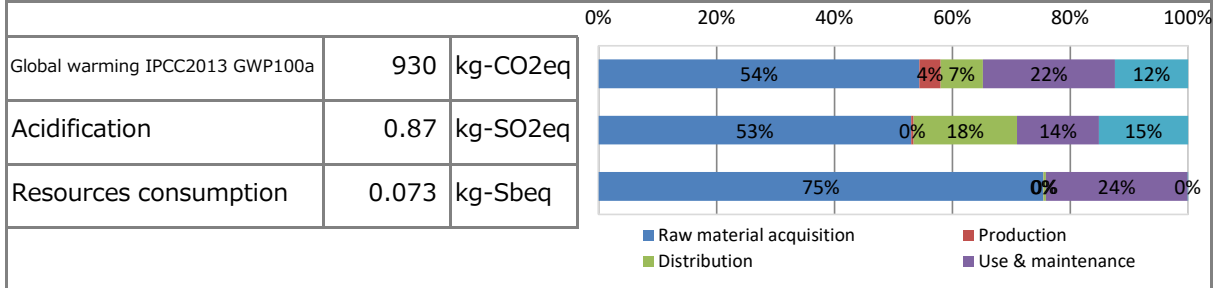
external

\*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	9.3E+02	5.1E+02	3.4E+01	6.7E+01	2.1E+02	1.2E+02
Acidification		kg-SO <sub>2</sub> eq	8.7E-01	4.6E-01	3.5E-03	1.5E-01	1.2E-01	1.3E-01
Resources consumption		kg-Sbeq	7.3E-02	5.5E-02	5.3E-05	2.8E-04	1.7E-02	6.8E-05

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

Parameter	Value	Unit
Non-renewable material resources	5.5E+01	kg
Non-renewable energy resources	1.4E+04	MJ
Renewable material resources	1.6E+02	kg
Renewable primary energy	2.6E+02	MJ

**3. Material composition**

Material	Value	Unit
Steel	2.0E+01	kg
SUS	7.6E-01	kg
Cu	1.5E+00	kg
Al	9.3E-01	kg
Glass	1.2E+00	kg
Thermoplastics resin	2.3E+01	kg
Thermosetting resin	1.6E-01	kg
Rubber	3.4E-02	kg
Paper	1.2E+01	kg
Assembled circuit board	4.0E+00	kg
Medium-sized motor	2.2E+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:
    - Color 120,000, Monochrome 120,000
  - ③ The impact of printing paper is not included
- Products selected in the scenario used for inventory calculation : 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.



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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 Ecoleaf Environmental Labeling Program Registry data v1.08

#### 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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