



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-21062E

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 2554ci

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 2554ci

Making Technology :Electrophotographic Printer (EP)

Printng Speed: Color 25 Pages per minute in A4

Monochrome 25 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-21062E
PCR number	PA-590000-AI-03
PCR name	Imaging input and/or output equipment
Publication date	5/14/2021
Verification date	4/28/2021
Verification method	System certificaion
Verification#	JV-AI-21062E
Expiration date	4/27/2026
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

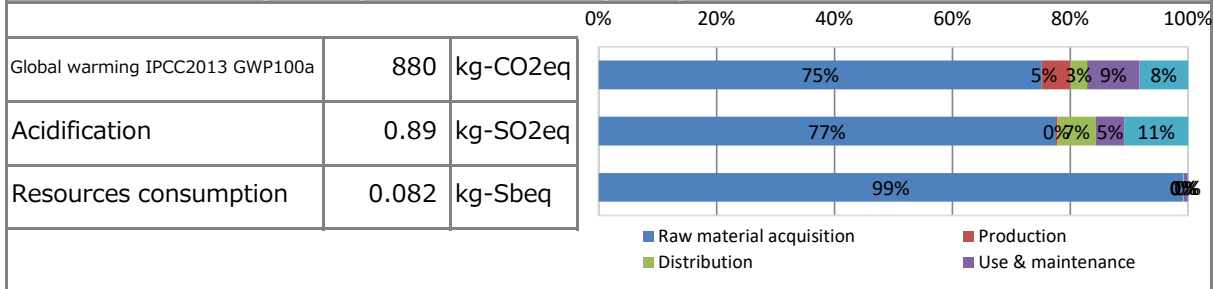
external

\*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	8.8E+02	6.6E+02	4.2E+01	2.5E+01	7.8E+01	7.2E+01
Acidification		kg-SO <sub>2</sub> eq	8.9E-01	6.9E-01	3.3E-03	5.8E-02	4.3E-02	9.6E-02
Resources consumption		kg-Sbeq	8.2E-02	8.1E-02	6.3E-05	1.0E-04	4.8E-04	7.0E-05

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

Parameter	Value	Unit
Non-renewable material resources	7.4E+01	kg
Non-renewable energy resources	1.3E+04	MJ
Renewable material resources	1.3E+02	kg
Renewable primary energy	3.0E+02	MJ

**3. Material composition**

Material	Value	Unit
Steel	3.7E+01	kg
SUS	1.6E+00	kg
Cu	1.9E+00	kg
Al	1.9E+00	kg
Other metals	3.0E-02	kg
Glass	2.2E+00	kg
Thermoplastics resin	3.7E+01	kg
Thermosetting resin	1.0E+00	kg
Rubber	5.9E-02	kg
Paper	2.4E+01	kg
Assembled circuit board	3.5E+00	kg
Medium-sized motor	2.6E+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:  
Color 45,000、Monochrome 45,000
  - 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.

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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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