



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-20077E-A

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization

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

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



# Monochrome Printer ECOSYS P4060dn(US)

KYOCERA Document Solutions Inc.

The impact of following option is not included.  
Paper Feeder (500-sheet X 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 Printer

ECOSYS P4060dn(US)

Making Technology : Electrophotographic Printer (EP)

Printing Speed:

Monochrome 60 pages per minute in A4

Printing paper : Maximum A3

Duplex function: Standard

## 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-20077E-A
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	7/31/2020
Verification date	2/10/2025
Verification method	System certificaion
Verification#	JV-AI-20077E-A
Expiration date	2/9/2030
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

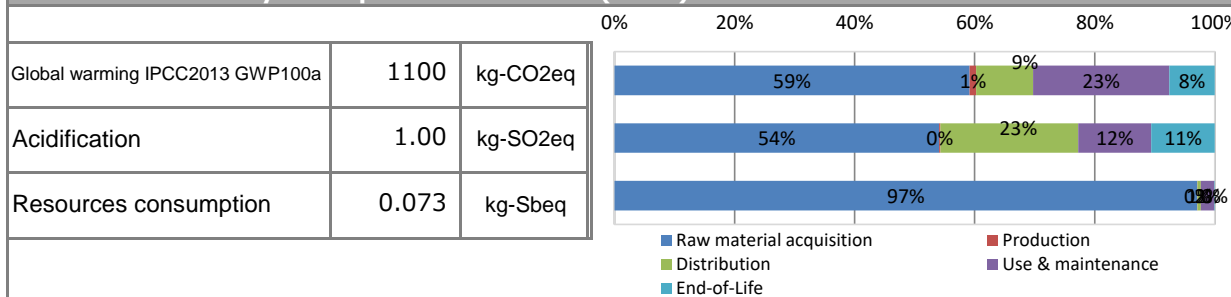
external

\*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	1.1E+03	6.5E+02	1.2E+01	1.0E+02	2.5E+02	8.4E+01
Acidification		kg-SO <sub>2</sub> eq	1.0E+00	5.7E-01	2.5E-03	2.4E-01	1.3E-01	1.1E-01
Resources consumption		kg-Sbeq	7.3E-02	7.1E-02	3.1E-05	4.4E-04	1.6E-03	8.7E-05

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

Parameter	Unit
Non-renewable material resources	6.6E+01 kg
Non-renewable energy resources	1.7E+04 MJ
Renewable material resources	2.1E+02 kg
Renewable primary energy	3.1E+02 MJ

**3. Material composition**

Material	Unit
Steel	3.3E+01 kg
SUS	1.4E+00 kg
Cu	1.8E+00 kg
Al	9.1E-01 kg
Other metals	3.0E-02 kg
Glass	2.3E-01 kg
Thermoplastics resin	3.5E+01 kg
Thermosetting resin	9.7E-01 kg
Rubber	5.1E-02 kg
Paper	1.4E+01 kg
Wood	1.1E+01 kg
Assembled circuit board	3.0E+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: Monochrome 537,600
  - 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

Date of the change 2/28/2025 Reverification to renew expiration date

- 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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