



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-20077E

Ecoleaf Environmental Labeling Program

Sustainable Management Promotion Organization

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

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



# Monocrome Printer ECOSYS P4060dn

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 : Monocrome Printer

ECOSYS P4060dn

Making Technology : Electrophotographic Printer (EP)

Printing Speed: Monocrome 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 11

TEL : 06-6764-3764

<http://www.kyoceradocumentsolutions.co.jp/>

Registration#	JR-AI-20077E
PCR number	PA-590000-AI-03
PCR name	Imaging input and/or output equipment
Publication date	7/31/2020
Verification date	7/17/2020
Verification method	System certification
Verification#	JV-AI-20077E
Expiration date	7/16/2025
PCR review was conducted by:	
Approval date	11/8/2019
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

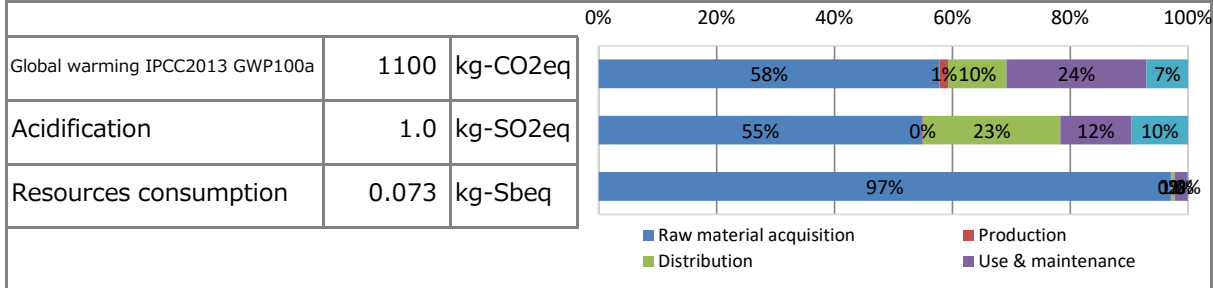
external

\*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	1.1E+03	6.1E+02	1.5E+01	1.0E+02	2.5E+02	7.4E+01
Acidification		kg-SO <sub>2</sub> eq	1.0E+00	5.7E-01	1.3E-03	2.4E-01	1.2E-01	9.9E-02
Resources consumption		kg-Sbeq	7.3E-02	7.1E-02	2.2E-05	4.4E-04	1.6E-03	6.6E-05

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

Parameter	Value	Unit
Non-renewable material resources	6.8E+01	kg
Non-renewable energy resources	1.7E+04	MJ
Renewable material resources	2.1E+02	kg
Renewable primary energy	2.9E+02	MJ

**3. Material composition**

Material	Value	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
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: Monocrome 537,600
  - 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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