

Monochrome Printer

ECOSYS P4140dn

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 Printer
ECOSYS P4140dn
Making Technology : Electrophotographic Printer (EP)
Printing Speed:
Monochrome 40 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-20097E-A
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	9/30/2020
Verification date	2/14/2025
Verification method	System certificaion
Verification#	JV-AI-20097E-A
Expiration date	2/13/2030

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.

EcoLeaf

Type III Environmental Declaration (EPD)

Registration number： JR-AI-20097E-A

Japan EPD Program by SuMPO

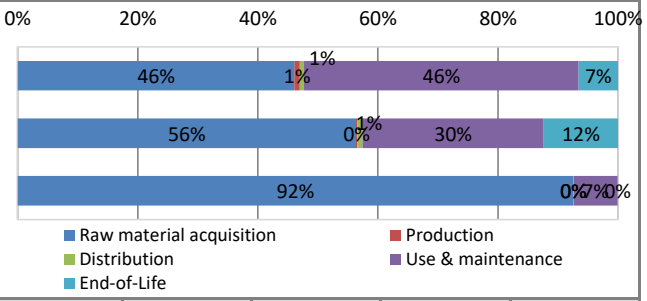
Sustainable Management Promotion Organization

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

https://ecoleaf-label.jp/

1. Results of life cycle impact assessment (LCIA)

Global warming IPCC2013 GWP100a	410	kg-CO2eq
Acidification	0.28	kg-SO2eq
Resources consumption	0.024	kg-Sbeq



Parameter \ stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a	kg-CO_2eq	4.1E+02	1.9E+02	3.7E+00	2.9E+00	1.9E+02	2.7E+01
Acidification	kg-SO_2eq	2.8E-01	1.6E-01	6.5E-04	2.5E-03	8.5E-02	3.5E-02
Resources consumption	kg-Sbeq	2.4E-02	2.3E-02	1.4E-05	1.2E-05	1.8E-03	3.1E-05

2. Life cycle inventory analysis (LCI)

Parameter		Unit
Non-renewable material resources	1.9E+01	kg
Non-renewable energy resources	6.9E+03	MJ
Renewable material resources	1.0E+02	kg
Renewable primary energy	1.5E+02	MJ

3. Material composition

Material		Unit
Steel	6.6E+00	kg
SUS	2.2E-01	kg
Cu	9.0E-01	kg
Al	2.9E-01	kg
Glass	9.7E-02	kg
Thermoplastics resin	1.1E+01	kg
Thermosetting resin	1.4E-01	kg
Rubber	1.8E-02	kg
Paper	4.9E+00	kg
Assembled circuit board	1.1E+00	kg
Medium-sized motor	7.5E-01	kg

5. Additional explanation

・ Product destination: Japan

・Calculation method of use stage (scenario)

①Expected usage period: five years

②Estimated number of sheets used:

Monochrome 240,000

③The 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® Ver3.0 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

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/)