Color Printer
ECOSYS
PA2100cwx(US)

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 Printer
ECOSYS PA2100cwx
Making Technology :Electrophotographic Printer（EP)
Printng Speed: Color 21 Pages per minute in A4
Monochrome 21 Pages per minute in A4
Priting 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-22212E
PCR number	PA-590000-AI-04
PCR name	Imaging input and/or output equimpent
Publication date	11/4/2022
Verification date	10/24/2022
Verification method	System certificaion
Verification#	JV-AI-22212E
Expiration date	10/23/2027

PCR review was conducted by:

Approval date	4/1/2022
PCR review panel chair	Masayuki Kanzaki Sustanable Management Promotion Organizatic

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.

EcoLeaf

Type III Environmental Declaration (EPD)

Registration number： JR-AI-22212E

Japan EPD Program by SuMPO

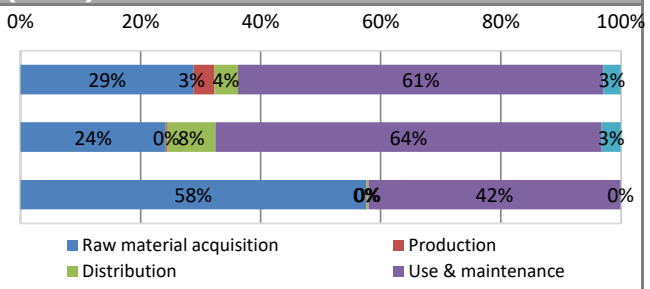
Sustainable Management Promotion Organization

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

https://ecoleaf-label.jp/

1. Results of life cycle impact assessment (LCIA)

Global warming IPCC2013 GWP100a	740	kg-CO2eq
Acidification	0.82	kg-SO2eq
Resources consumption	0.039	kg-Sbeq



Parameter \ stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a	kg-CO_2eq	7.4E+02	2.1E+02	2.5E+01	2.9E+01	4.5E+02	2.1E+01
Acidification	kg-SO_2eq	8.2E-01	2.0E-01	1.8E-03	6.6E-02	5.3E-01	2.6E-02
Resources consumption	kg-Sbeq	3.9E-02	2.2E-02	3.6E-05	1.2E-04	1.6E-02	1.9E-05

2. Life cycle inventory analysis (LCI)

Parameter		Unit
Non-renewable material resources	2.1E+01	kg
Non-renewable energy resources	1.1E+04	MJ
Renewable material resources	7.0E+01	kg
Renewable primary energy	1.3E+02	MJ

3. Material composition

Material		Unit
Steel	7.7E+00	kg
SUS	4.5E-01	kg
Cu	4.6E-01	kg
Al	4.3E-01	kg
Glass	2.0E-01	kg
Thermoplastics resin	1.2E+01	kg
Thermosetting resin	7.3E-02	kg
Rubber	2.5E-02	kg
Paper	5.7E+00	kg
Assembled circuit board	1.7E+00	kg
Medium-sized motor	5.3E-01	kg

5. Additional explanation

・ Product destination: North America

・Calculation method of use stage (scenario)

①Expected usage period: five years

②Estimated number of sheets used:

Color 31,500、Monoclome 31,500

③The 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 and all of them are accounted for in the use and maintenance

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 Japan EPD Program by SuMPO Registry data v1.07

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/)