



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-20108E

Ecoleaf Environmental Labeling Program

Sustainable Management Promotion Organization

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

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



SHARP

Sharp Corporation

DIGITAL FULL COLOR MULTIFUNCTIONAL SYSTEM

MX-8081

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 : MX-8081

Marking technologies : Electrophotographic Printer (EP)

Print speed : Monochrome 80prints/minute (A4)

Full-color 80prints/minute (A4)

Maximum Paper Size : 13 x 19.2"

Duplex copying : Standard

Company Information

<https://jp.sharp/>

SHARP CORPORATION

Business Solutions BU

E-mail : ECOLEAF-BS@sharp.co.jp

Registration#	JR-AI-20108E
PCR number	PA-590000-AI-03
PCR name	Imaging input and/or output equipment
Publication date	12/8/2020
Verification date	11/12/2020
Verification method	Product-by-product
Verification#	JV-AI-20108
Expiration date	11/11/2025
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

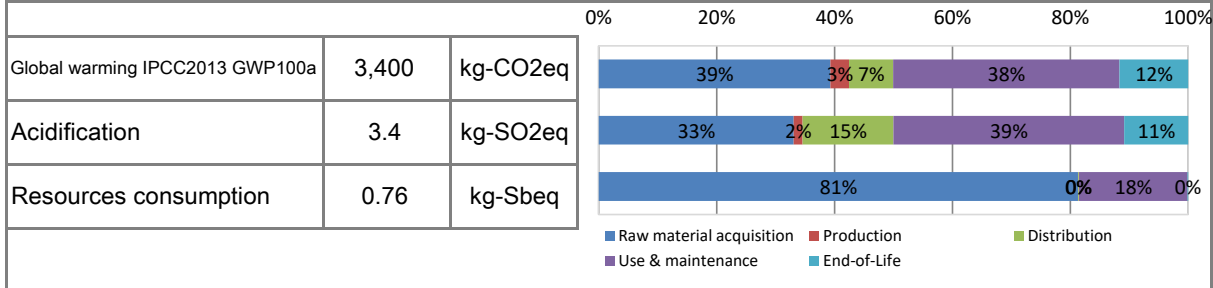
external

*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 ₂ eq	3.4E+03	1.3E+03	1.1E+02	2.5E+02	1.3E+03	3.9E+02
Acidification		kg-SO ₂ eq	3.4E+00	1.1E+00	5.1E-02	5.2E-01	1.3E+00	3.7E-01
Resources consumption		kg-Sbeq	7.6E-01	6.1E-01	3.3E-04	1.1E-03	1.4E-01	8.4E-04

2. Life cycle inventory analysis (LCI)

Parameter	Value	Unit
Non-renewable material resources	2.3E+02	kg
Renewable material resources	2.9E+02	kg

3. Material composition

Material	Value	Unit
Steel	9.9E+01	kg
SUS	5.0E+00	kg
Aluminium	2.9E+00	kg
Other metal	2.8E+01	kg
Plastic	5.3E+01	kg
Rubber	3.3E-01	kg
Glass	2.4E+00	kg
Paper · Wood	2.7E+01	kg
Circuit Board	4.4E+00	kg
Others	1.6E+01	kg

5. Additional explanation

- Product destination: North America
 - Calculation method of use stage (scenario)
 - Expected usage period: five years
 - Estimated number of use : 960,000 sheets
 - Color 480,000 , Monochrome 480,000
 - EXIT TRAY CABINET is optional, its impact is not included.
 - The impact of printing paper is not included.
 - The impact of consumables are included in the Use & maintenance stage.
 - Products selected in the scenario used for inventory calculation : Multifunction device (EP)
- ※ Conformed to the International ENERGY STAR® Ver3.0 Program



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6-1. Supplementary environmental information

- Conformed to the International ENERGY STAR® Ver3.0 Program.
- EU RoHS compliant.
- Manufactured at ISO14001 certified factories.

7. Assumptions of secondary data used

IDEA v2.1.3 and Ecoleaf Environmental Labeling Program Registry data v1.09

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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