SHARP

Sharp Corporation

DIGITAL FULL COLOR MULTIFUNCTIONAL SYSTEM

MX-8081 （US）

EXIT TRAY CABINET are optional,
their impact is not included.

Functional unit

Per unit of product

System boundary

■ final products　□intermediate products

Raw material acquision, 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 : 13x19.2”

Print/Copy/Scan : Standard

Duplex printing/ADF : Standard

Company Information

SHARP CORPORATION

Smart Business Solutions BU

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Registration#	JR-AI-20108E-A
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	08 December 2020
Verification date	14 March 2025
Verification method	System certificaion
Verification#	FV-08-25003
Expiration date	13 March 2030

PCR review was conducted by:

Approval date	01 September 2023
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

Third party verifier*

Shouko Hashizume

Independent verification of data & declaration in accordance with ISO14025

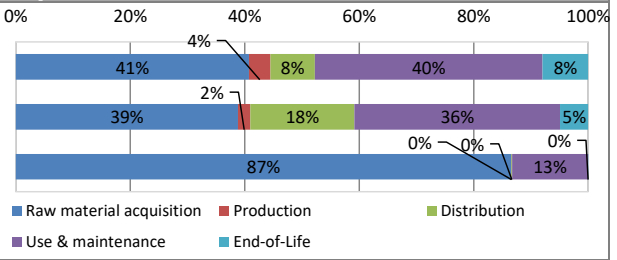
□internal　■external

*Auditor's name is stated if system certification has been performed.

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	3200	kg-CO2eq
Acidification	2.9	kg-SO2eq
Resources consumption	1.1	kg-Sbeq



Parameter \ stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a	kg-CO_2eq	3.2E+03	1.3E+03	1.2E+02	2.5E+02	1.3E+03	2.6E+02
Acidification	kg-SO_2eq	2.9E+00	1.1E+00	6.2E-02	5.3E-01	1.0E+00	1.4E-01
Resources consumption	kg-Sbeq	1.1E+00	9.4E-01	4.0E-04	1.1E-03	1.4E-01	2.8E-04

2. Life cycle inventory analysis (LCI)

Parameter		Unit
Non-renewable material resources	2.2E+02	kg
Renewable material resources	2.9E+02	kg

3. Material composition

Material		Unit
Steel	1.3E+02	kg
SUS	4.7E+00	kg
Aluminium	2.8E+00	kg
Other metal	2.3E+00	kg
Plastic	5.4E+01	kg
Rubber	1.7E-01	kg
Glass	2.4E+00	kg
Paper・Wood	2.7E+01	kg
Circuit Board	4.5E+00	kg
Others	1.5E+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
　32（Jobs/Day）× 100（Sheets/Job）÷ 4 × 5（Days/Week）× 4（Weeks/Month）× 12（Months/Year）× 5（Years）
　= 960,000 sheets
・The impact of paper for printing is not included.
・Products selected in the scenario used for inventory calculation ：Multifunction device (EP)

6-1. Supplementary environmental information

・Assembly and production of this product, as well as production of the photoconductor and toner, which are the main components, are performed at ISO 14001-certified factories.

7. Assumptions of secondary data used

IDEA v2.1.3 and Japan EPD Program by SuMPO Registry data v1.18

8. Remarks

Revised on March 28th,2025
The data has been updated and the EPD has been re-verified.

- 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/）