



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-22206E

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization

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

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



SHARP

Sharp Corporation

DIGITAL MULTIFUNCTIONAL SYSTEM

BP-50M26

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 : BP-50M26

Marking technologies : Electrophotographic Printer (EP)

Print speed :

Maximum Paper Size : A3W

Duplex copying : Standard

Company Information

SHARP CORPORATION

Smart Business Solutions BU

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

Registration#	JR-AI-22206E
PCR number	PA--590000-AI-04
PCR name	Imaging input and/or output equipment
Publication date	9/20/2022
Verification date	9/7/2022
Verification method	Product-by-product
Verification#	JV-AI-22206
Expiration date	9/6/2027
PCR review was conducted by:	
Approval date	4/1/2022
PCR review panel chair	Masayuki Kanzaki (Sustainable Management Promotion Organization)

Third party verifier*

Takahiro Atoh

Independent verification of data & declaration in
accordance with ISO14025

internal

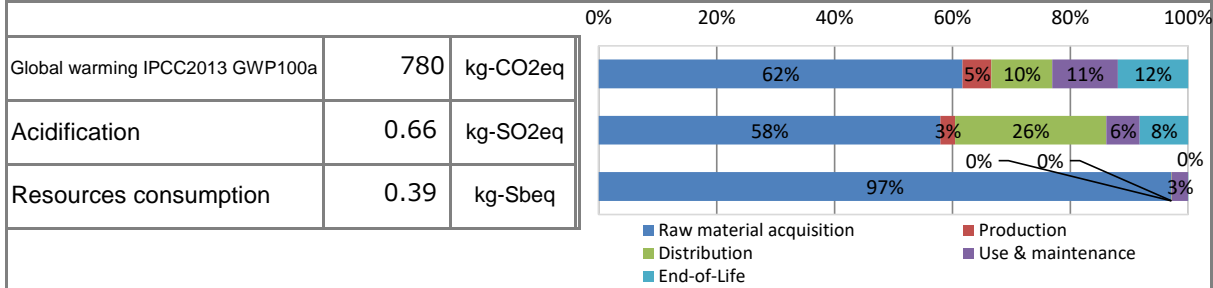
external

*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	7.8E+02	4.8E+02	3.8E+01	8.0E+01	8.7E+01	9.3E+01
Acidification		kg-SO ₂ eq	6.6E-01	3.8E-01	1.6E-02	1.7E-01	3.7E-02	5.4E-02
Resources consumption		kg-Sbeq	3.9E-01	3.8E-01	1.1E-04	3.4E-04	1.1E-02	8.8E-05

2. Life cycle inventory analysis (LCI)

項目	単位	Value
Non-renewable material resources	kg	4.6E+01
Renewable material resources	kg	9.1E+01

3. Material composition

Material	Unit	Value
Steel	kg	2.5E+01
SUS	kg	1.3E+00
Aluminium	kg	1.4E-01
Other metal	kg	2.0E-01
Plastic	kg	2.9E+01
Rubber	kg	7.4E-02
Glass	kg	1.8E+00
Paper · Wood	kg	1.3E+01
Circuit Board	kg	1.8E+00
Others	kg	4.3E+00

5. Additional explanation

- Product destination: North America
 - Calculation method of use stage (scenario)
 - Expected usage period: five years
 - Estimated number of use : 101,400 sheets
 $26 \text{ (Jobs/Day)} \times 13 \text{ (Sheets/Job)} \times 5 \text{ (Days/Week)} \times 4 \text{ (Weeks/Month)} \times 12 \text{ (Months/Year)} \times 5 \text{ (Years)} = 101,400 \text{ sheets}$
 - STAND/3x550 SHEET PAPER DRAWER and FINISHER are optional, their impact is not included.
 - The impact of paper for printing is not included.
 - Products selected in the scenario used for inventory calculation : Multifunction device (EP)
- ※ Conforms to the International ENERGY STAR® Program Ver.3.0.



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6-1. Supplementary environmental information

- Conforms to the International ENERGY STAR® Program Ver.3.0.
- Compliant with European RoHS regulations.
- 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 v1.11

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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