



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-22184E

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-70M75

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-70M75

Marking technologies : Electrophotographic Printer (EP)

Print speed : Monochrome 75prints/minute (A4)

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-22184E
PCR number	PA-590000-AI-04
PCR name	Imaging input and/or output equipment
Publication date	8/26/2022
Verification date	8/8/2022
Verification method	Product-by-product
Verification#	JV-AI-22184
Expiration date	8/7/2027
PCR review was conducted by:	
Approval date	4/1/2022
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

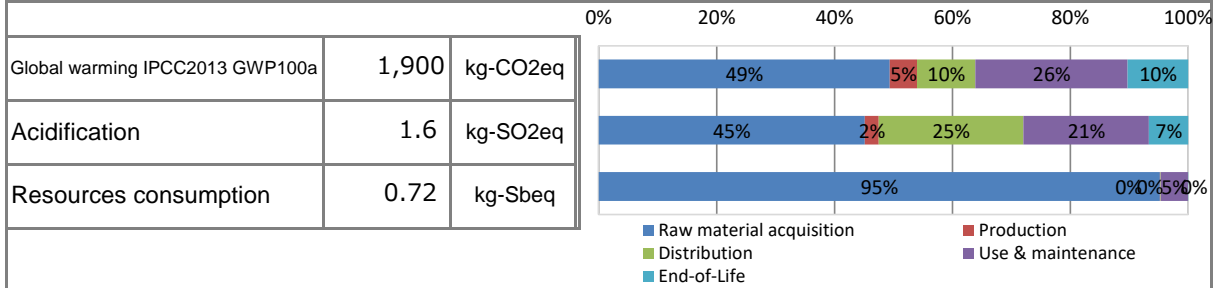
external

*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	1.9E+03	9.6E+02	8.9E+01	1.9E+02	5.0E+02	2.0E+02
Acidification		kg-SO ₂ eq	1.6E+00	7.4E-01	3.8E-02	4.0E-01	3.5E-01	1.1E-01
Resources consumption		kg-Sbeq	7.2E-01	6.8E-01	2.5E-04	8.0E-04	3.3E-02	2.1E-04

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2. Life cycle inventory analysis (LCI)

Parameter	Unit	Value
Non-renewable material resources	kg	1.5E+02
Renewable material resources	kg	1.9E+02

3. Material composition

Material	Unit	Value
Steel	kg	1.0E+02
SUS	kg	2.4E+00
Aluminium	kg	1.2E+00
Other metal	kg	5.3E-01
Plastic	kg	4.3E+01
Rubber	kg	2.5E-01
Glass	kg	2.0E+00
Paper · Wood	kg	1.6E+01
Circuit Board	kg	2.8E+00
Others	kg	9.0E+00

5. Additional explanation

- Product destination: North America
- Calculation method of use stage (scenario)
 - Expected usage period: five years
 - Estimated number of use : 835,200 sheets
- LARGE CAPACITY TRAY, EXIT TRAY UNIT, PAPER PASS UNIT, CURL CORRECTION UNIT, INSERTER, FOLDING UNIT, and SADDLE STITCH 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 v1.10

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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