



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-22202E

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-70M55**

### 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-70M55

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](mailto:ECOLEAF-BS@sharp.co.jp)

Registration#	JR-AI-22202E
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-22202
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

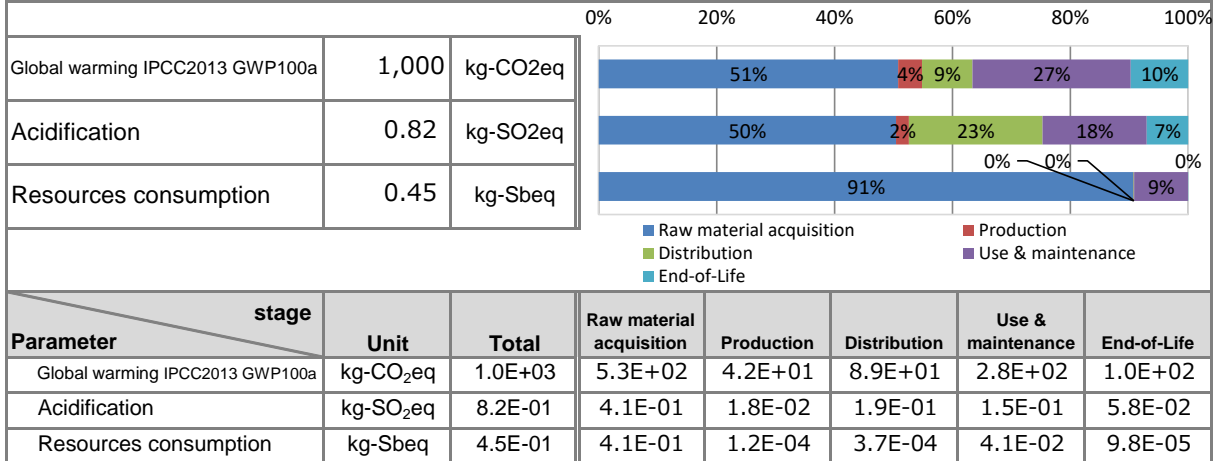
external

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

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**1. Results of life cycle impact assessment (LCIA)**



**2. Life cycle inventory analysis (LCI)**

項目	Unit	単位
Non-renewable material resources	5.6E+01	kg
Renewable material resources	1.2E+02	kg

**3. Material composition**

Material	Unit
Steel	3.1E+01 kg
SUS	1.5E+00 kg
Aluminium	1.9E-01 kg
Other metal	2.1E-01 kg
Plastic	3.0E+01 kg
Rubber	2.2E-01 kg
Glass	1.9E+00 kg
Paper · Wood	1.3E+01 kg
Circuit Board	2.0E+00 kg
Others	4.8E+00 kg

**5. Additional explanation**

- Product destination: North America
  - Calculation method of use stage (scenario)
    - Expected usage period: five years
    - Estimated number of use : 451,200 sheets  
 $32 \text{ (Jobs/Day)} \times 47 \text{ (Sheets/Job)} \times 5 \text{ (Days/Week)} \times 4 \text{ (Weeks/Month)} \times 12 \text{ (Months/Year)} \times 5 \text{ (Years)} = 451,200 \text{ sheets}$
  - LARGE CAPACITY TRAY, EXIT TRAY UNIT, SADDLE STITCH FINISHER, FOLDING UNIT, and STAND/550&2100 SHEET PAPER DRAWER 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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