



**SHARP**

Sharp Corporation

DIGITAL MULTIFUNCTIONAL SYSTEM

**BP-50M45 (EU)**

### 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-50M45  
Marking technologies : Electrophotographic Printer (EP)  
Print speed : Monochrome 45prints/minute (A4)  
Maximum Paper Size : A3W  
Print/Copy/Scan : Standard  
Duplex printing/ADF : 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-24403E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	31 October 2024
Verification date	23 October 2024
Verification method	System certificaion
Verification#	FV-08-24028
Expiration date	22 October 2029
<b>PCR review was conducted by:</b>	
Approval date	01 September 2023
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

### Third party verifier\*

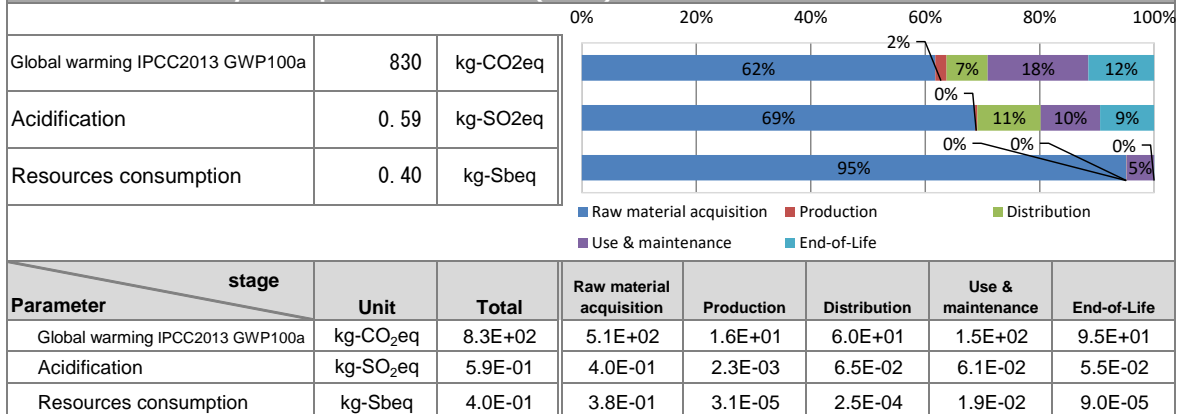
Shouko Hashizume

Independent verification of data & declaration in  
accordance with ISO14025

internal       external

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

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



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

Parameter	Unit	Unit
Non-renewable material resources	4.5E+01	kg
Renewable material resources	1.0E+02	kg

### 3. Material composition

Material	Unit	Unit
Steel	2.5E+01	kg
SUS	1.3E+00	kg
Aluminium	1.4E-01	kg
Other metal	1.8E-01	kg
Plastic	3.0E+01	kg
Rubber	7.3E-02	kg
Glass	1.7E+00	kg
Paper · Wood	1.3E+01	kg
Circuit Board	2.2E+00	kg
Others	4.3E+00	kg

### 5. Additional explanation

- Product destination: Europe
  - Calculation method of use stage (scenario)
    - Expected usage period: five years
    - Estimated number of use : 297,600 sheets  
 $32 \text{ (Jobs/Day)} \times 31 \text{ (Sheets/Job)} \div 4 \times 5 \text{ (Days/Week)} \times 4 \text{ (Weeks/Month)} \times 12 \text{ (Months/Year)} \times 5 \text{ (Years)}$   
 $= 297,600 \text{ sheets}$
  - The impact of paper for printing is not included.
  - Products selected in the scenario used for inventory calculation : Multifunction device (EP)
- ※ Calculated according to the ENERGY STAR® Ver.3.0 program.

### 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

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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/>)