



**SHARP**

Sharp Corporation

DIGITAL FULL COLOR MULTIFUNCTIONAL SYSTEM

**BP-50C45 (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-50C45  
Marking technologies : Electrophotographic Printer (EP)  
Print speed : Monochrome 45prints/minute (A4)  
Full-color 45prints/minute (A4)

Maximum Paper Size : SRA3  
Print/Copy/Scan : Standard  
Duplex printing/ADF : Standard

**Company Information**

SHARP CORPORATION  
Smart Business Solutions BU  
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<b>Registration#</b>	JR-AI-24299E
<b>PCR number</b>	PA-590000-AI-08
<b>PCR name</b>	Imaging input and/or output equipment
<b>Publication date</b>	29 August 2024
<b>Verification date</b>	08 August 2024
<b>Verification method</b>	System certificaion
<b>Verification#</b>	FV-08-24012
<b>Expiration date</b>	07 August 2029
<b>PCR review was conducted by:</b>	
<b>Approval date</b>	01 September 2023
<b>PCR review panel chair</b>	Masayuki Kanzaki Sustainable Management Promotion Organization

**Third party verifier\***

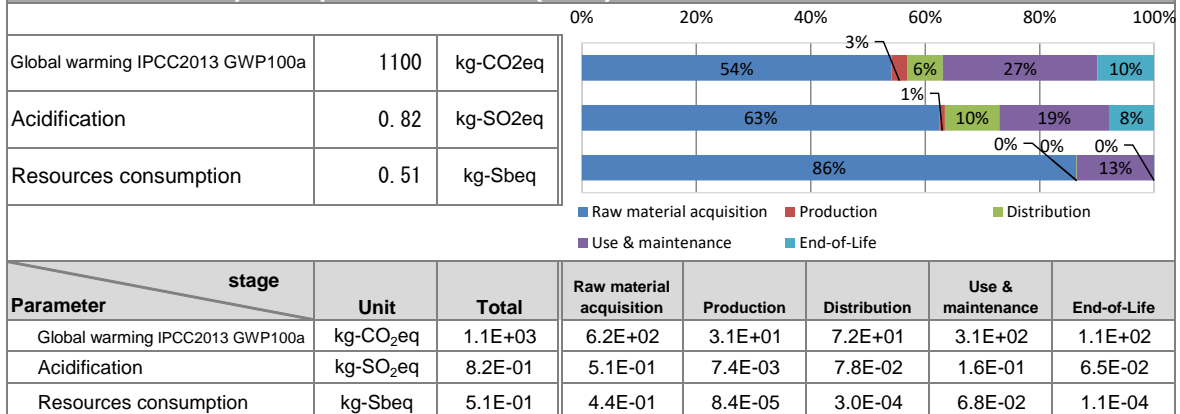
Shouko Hashizume

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	6.1E+01	kg
Renewable material resources	1.4E+02	kg

### 3. Material composition

Material	Unit	Unit
Steel	3.3E+01	kg
SUS	9.5E-01	kg
Aluminium	5.2E-01	kg
Other metal	9.7E-01	kg
Plastic	3.4E+01	kg
Rubber	8.3E-02	kg
Glass	2.1E+00	kg
Paper · Wood	1.3E+01	kg
Circuit Board	2.6E+00	kg
Others	5.5E+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 v1.17

### 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/>)