



SuMPO EPD  
Type III Environmental Declaration (EPD)

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization  
14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan  
<https://ecoleaf-label.jp/>

Registration number : JR-AI-25485E



**SHARP**

Sharp Corporation

LASER PRINTER

**BP-B547PW (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-B547PW  
Marking technologies : Electrophotographic Printer (EP)  
Print speed : Monochrome 47prints/minute (A4)  
Maximum Paper Size : A4  
Print : Standard  
Duplex printing : Standard

**Company Information**

SHARP CORPORATION  
Smart Business Solutions BU  
E-mail : [ECOLEAF-BS@sharp.co.jp](mailto:ECOLEAF-BS@sharp.co.jp)

<b>Registration#</b>	JR-AI-25485E
<b>PCR number</b>	PA-590000-AI-08
<b>PCR name</b>	Imaging input and/or output equipment
<b>Publication date</b>	26 March 2026
<b>Verification date</b>	11 March 2026
<b>Verification method</b>	System certification
<b>Verification#</b>	FV-08-26002
<b>Expiration date</b>	10 March 2031
<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

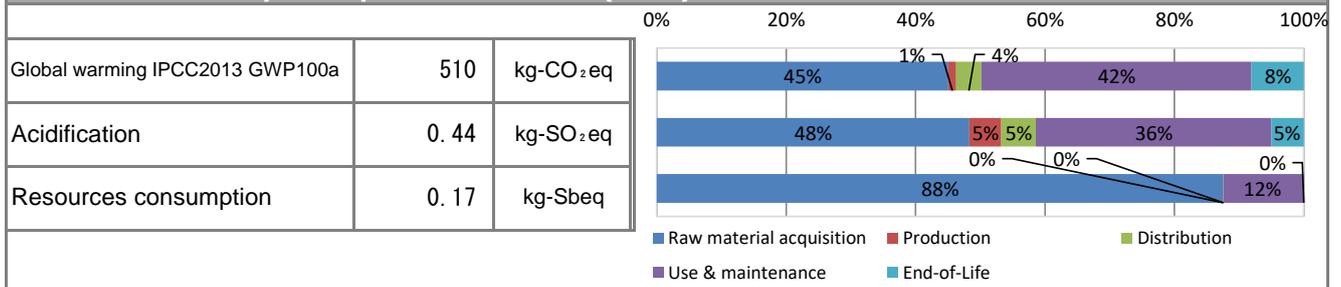
Independent verification of data & declaration in accordance with ISO14025

internal     external

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

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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 <sub>2</sub> eq	5.1E+02	2.3E+02	6.2E+00	2.0E+01	2.1E+02	4.1E+01
Acidification		kg-SO <sub>2</sub> eq	4.4E-01	2.1E-01	2.2E-02	2.4E-02	1.6E-01	2.2E-02
Resources consumption		kg-Sbeq	1.7E-01	1.5E-01	3.2E-05	8.4E-05	2.1E-02	4.0E-05

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

Parameter	Unit
Non-renewable material resources	2.4E+01 kg
Renewable material resources	9.6E+01 kg

### 3. Material composition

Material	Unit
Steel	6.4E+00 kg
SUS	2.4E-01 kg
Aluminium	1.1E-01 kg
Other metal	2.2E-01 kg
Plastic	1.4E+01 kg
Rubber	1.9E-02 kg
Glass	1.2E-01 kg
Paper · Wood	3.3E+00 kg
Circuit Board	1.0E+00 kg
Others	2.4E+00 kg

### 5. Additional explanation

- Product destination: Europe
  - Calculation method of use stage (scenario)
    - Expected usage period: five years
    - Estimated number of use : 326,400 sheets  
 $32 \text{ (Jobs/Day)} \times 34 \text{ (Sheets/Job)} \div 4 \times 5 \text{ (Days/Week)} \times 4 \text{ (Weeks/Month)} \times 12 \text{ (Months/Year)} \times 5 \text{ (Years)}$   
= 326,400 sheets
  - The impact of paper for printing is not included.
  - Products selected in the scenario used for inventory calculation : Printer (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 v3.1.0 and Japan EPD Program by SuMPO Registry data v1.15

### 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/>)
- This is a selfdeclared translation of EPD that can be accessed at <https://ecoleaf-label.jp/epd/2842> and is published for convenience purposes. Only the original EPD is valid and binding between parties.