



SHARP

Sharp Corporation

DIGITAL FULL COLOR MULTIFUNCTIONAL SYSTEM

BP-90C80 (EUR)

MULTI BYPASS TRAY and EXIT TRAY CABINET
are not included in the calculation.

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-90C80

Marking technologies : Electrophotographic Printer (EP)

Print speed : Monochrome 80prints/minute (A4)

Full-color 80prints/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

Registration#	JR-AI-26102E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	13 July 2026
Verification date	29 June 2026
Verification method	System certification
Verification#	FV-08-26008
Expiration date	28 June 2031
PCR review was conducted by:	
Approval date	01 September 2023
PCR review	Masayuki Kanzaki
panel chair	Sustainable Management Promotion Organization

Third party verifier*

Shouko Hashizume

Independent verification of data & declaration in accordance
with ISO14025

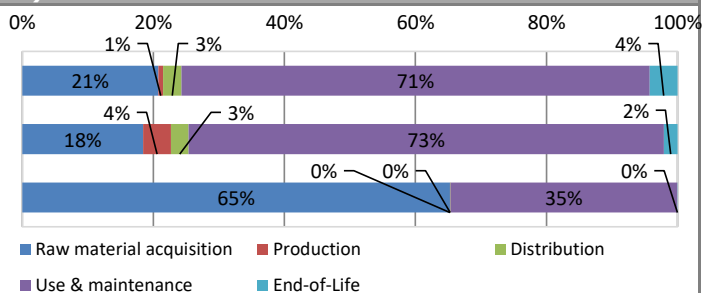
☐ internal ☒ external

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

Registration number : JR-AI-26102E

1. Results of life cycle impact assessment (LCIA)

Global warming IPCC2013 GWP100a	6800	kg-CO ₂ eq
Acidification	7.3	kg-SO ₂ eq
Resources consumption	1.2	kg-Sbeq



Parameter	stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a		kg-CO ₂ eq	6.8E+03	1.4E+03	4.9E+01	1.9E+02	4.8E+03	2.9E+02
Acidification		kg-SO ₂ eq	7.3E+00	1.3E+00	3.1E-01	2.0E-01	5.3E+00	1.5E-01
Resources consumption		kg-Sbeq	1.2E+00	7.8E-01	1.9E-04	8.1E-04	4.1E-01	3.6E-04

2. Life cycle inventory analysis (LCI)

Parameter	Unit
Non-renewable material resources	4.4E+02 kg
Renewable material resources	1.5E+03 kg

3. Material composition

Material	Unit
Steel	1.4E+02 kg
SUS	3.9E+00 kg
Aluminium	2.8E+00 kg
Other metal	8.7E-01 kg
Plastic	5.2E+01 kg
Rubber	4.9E-01 kg
Glass	2.8E+00 kg
Paper · Wood	2.8E+01 kg
Circuit Board	4.1E+00 kg
Others	1.9E+01 kg

5. Additional explanation

- Product destination: Europe
 - Calculation method of use stage (scenario)
 - Expected usage period: five years
 - Estimated number of use : 3,840,000 sheets
 $32 \text{ (Jobs/Day)} \times 100 \text{ (Sheets/Job)} \times 5 \text{ (Days/Week)} \times 4 \text{ (Weeks/Month)} \times 12 \text{ (Months/Year)} \times 5 \text{ (Years)}$
 $= 3,840,000 \text{ sheets}$
 - 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.2.0 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/3039> and is published for convenience purposes. Only the original EPD is valid and binding between parties.