



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-22078E

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 FULL COLOR MULTIFUNCTIONAL SYSTEM

## BP-70C55



### 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-70C55

Marking technologies : Electrophotographic Printer (EP)

Print speed : Monochrome 55prints/minute (A4)

Full-color 55prints/minute (A4)

Maximum Paper Size : SRA3

Duplex copying : Standard

### Company Information

SHARP CORPORATION

Business Solutions BU

E-mail : ECOLEAF-BS@sharp.co.jp

Registration#	JR-AI-22078E
PCR number	PA-590000-AI-03
PCR name	Imaging input and/or output equipment
Publication date	5/23/2022
Verification date	5/9/2022
Verification method	Product-by-product
Verification#	JV-AI-22078
Expiration date	5/8/2027

### PCR review was conducted by:

Approval date	11/8/2019
PCR review panel chair	Masayuki Kanzaki (Sustainable Management Promotion Organization)

### Third party verifier\*

Wataru Kawamura

Independent verification of data & declaration in accordance with ISO14025

internal

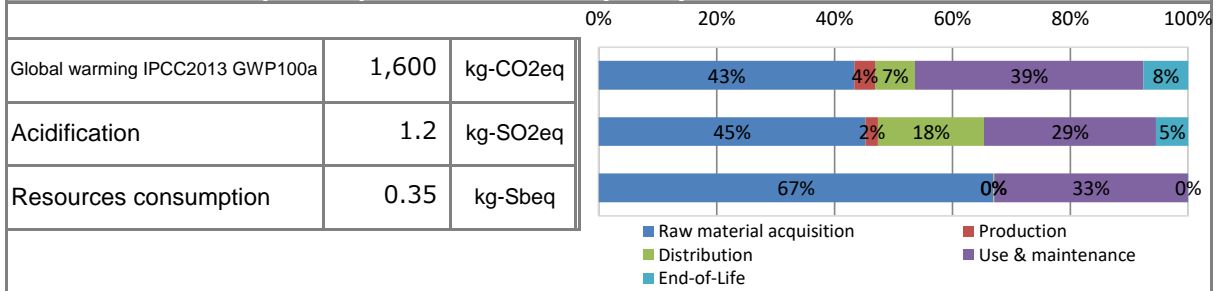
external

\*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	1.6E+03	6.8E+02	5.6E+01	1.1E+02	6.1E+02	1.2E+02
Acidification		kg-SO <sub>2</sub> eq	1.2E+00	5.6E-01	2.6E-02	2.2E-01	3.6E-01	6.8E-02
Resources consumption		kg-Sbeq	3.5E-01	2.3E-01	1.8E-04	4.5E-04	1.1E-01	1.2E-04

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

項目	Unit	単位
Non-renewable material resources	7.8E+01	kg
Renewable material resources	1.8E+02	kg

**3. Material composition**

Material	Unit	Unit
Steel	2.8E+01	kg
SUS	1.1E+00	kg
Aluminium	5.8E-01	kg
Other metal	1.3E+01	kg
Plastic	3.3E+01	kg
Rubber	8.8E-02	kg
Glass	2.3E+00	kg
Paper · Wood	1.3E+01	kg
Circuit Board	3.0E+00	kg
Others	7.1E+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  
Color 225,600 , Monochrome 225,600
  - STAND/550&2100 SHEET PAPER DRAWER, LARGE CAPACITY TRAY, SADDLE STITCH FINISHER, FOLDING UNIT, and EXIT TRAY UNIT is optional, its impact is not included.
  - The impact of printing paper is not included.
  - Products selected in the scenario used for inventory calculation : Multifunction device (EP)
- ※ Conformed to the International ENERGY STAR® Ver3.0 Program



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#### 6-1. Supplementary environmental information

- Conformed to the International ENERGY STAR® Ver3.0 Program.

#### 7. Assumptions of secondary data used

IDEA v2.1.3 and Ecoleaf Environmental Labeling Program Registry data v1.10

#### 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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