



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-22038E

Ecoleaf Environmental Labeling Program

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-70C45

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-70C45

Marking technologies : Electrophotographic Printer (EP)

Print speed : Monochrome 45prints/minute (A4)

Full-color 45prints/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-22038E
PCR number	PA-590000-AI-03
PCR name	Imaging input and/or output equipment
Publication date	3/18/2022
Verification date	3/14/2022
Verification method	Product-by-product
Verification#	JV-AI-22038
Expiration date	3/13/2027

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

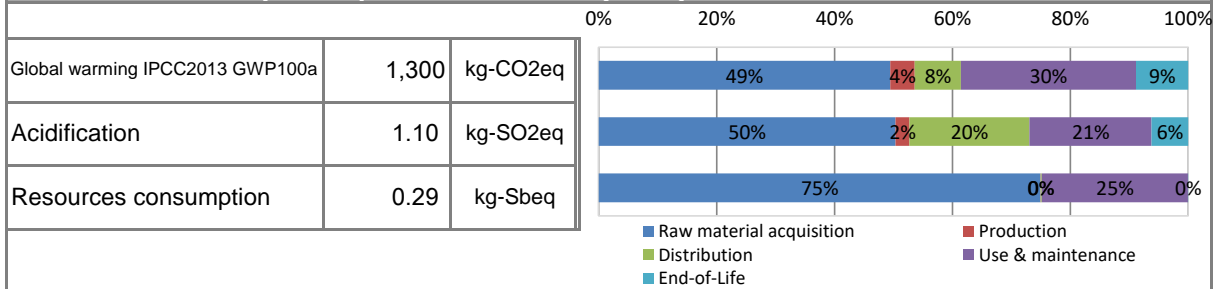
external

*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 ₂ eq	1.3E+03	6.6E+02	5.5E+01	1.0E+02	3.9E+02	1.2E+02
Acidification		kg-SO ₂ eq	1.1E+00	5.4E-01	2.5E-02	2.2E-01	2.2E-01	6.6E-02
Resources consumption		kg-Sbeq	2.9E-01	2.2E-01	1.8E-04	4.4E-04	7.3E-02	1.2E-04

2. Life cycle inventory analysis (LCI)

Parameter	Value	Unit
Non-renewable material resources	7.2E+01	kg
Renewable material resources	1.5E+02	kg

3. Material composition

Material	Value	Unit
Steel	2.7E+01	kg
SUS	1.1E+00	kg
Aluminium	5.8E-01	kg
Other metal	1.3E+01	kg
Plastic	3.3E+01	kg
Rubber	9.0E-02	kg
Glass	2.3E+00	kg
Paper · Wood	1.3E+01	kg
Circuit Board	2.8E+00	kg
Others	5.9E+00	kg



5. Additional explanation

- Product destination: North America
 - Calculation method of use stage (scenario)
 - Expected usage period: five years
 - Estimated number of use : 297,600 sheets
Color 148,800 , Monochrome 148,800
 - STAND/3x550 SHEET PAPER DRAWER 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

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/>)