Sumpo EPD Sumpo EPD Type III Environmental Declaration (EPD)

Registration number : JR-AI-24294E

#### Japan EPD Program by SuMPO

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



## SHARP

Sharp Corporation DIGITAL FULL COLOR MULTIFUNCTIONAL SYSTEM

# **BP-70C36 (EU)**

### **Functional unit**

Per unit of product

#### System boundary

■ final products □ intermediate products Raw material acquision, Production, Distribution, Use & maintenance, End-of-Life

#### Main specifications of the product

Model name : BP-70C36 Marking technologies : Electrophotographic Printer (EP) Print speed : Monochrome 36prints/minute (A4) Full-color 36prints/minute (A4) Maximum Paper Size : SRA3 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-24294E			
PCR number	PA-590000-AI-08			
PCR name	Imaging input and/or output equipment			
Publication date	29 August 2024			
Verification date	08 August 2024			
Verification method	System certificaion			
Verification#	FV-08-24007			
Expiration date	07 August 2029			
PCR review was	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-24294E

Sumpo Sumpo EPD

VERIFIED 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-24294E
-----------------------	--------------

1. Results of life cycle im	pact asse	ssment (L	.CIA)				
			0%	20%	40% 6	0% 80	% 1009
	1100		1		3% -		
Global warming IPCC2013 GWP100a	1100	kg-CO2eq		60%		7% 199	6 11%
Acidification	0. 79	kg-SO2eq		67%		1% - 11% 0% -	13% 9%
Resources consumption	0. 50	kg-Sbeq			91%	078	0% 70% 7 9%
		1	Raw materi Use & main	•	Production End-of-Life	Distri	bution
stage			Raw material			Use &	
Parameter	Unit	Total	acquisition	Production	Distribution	maintenance	End-of-Life
Global warming IPCC2013 GWP100a	kg-CO <sub>2</sub> eq	1.1E+03	6.5E+02	3.2E+01	7.7E+01	2.1E+02	1.2E+02
Acidification	kg-SO <sub>2</sub> eq	7.9E-01	5.3E-01	7.5E-03	8.4E-02	1.0E-01	6.8E-02
Resources consumption	kg-Sbeq	5.0E-01	4.6E-01	8.6E-05	3.3E-04	4.3E-02	1.2E-04

2. Life cycle inventory analysis (LCI)					
Parameter		Unit			
Non-renewable material resources	6.7E+01	kg			
Renewable material resources	1.3E+02	kg			

3. Material composition				
Material		Unit		
Steel	3.9E+01	kg		
SUS	1.2E+00	kg		
Aluminium	5.3E-01	kg		
Other metal	9.8E-01	kg		
Plastic	3.4E+01	kg		
Rubber	8.6E-02	kg		
Glass	2.3E+00	kg		
Paper • Wood	1.3E+01	kg		
Circuit Board	2.7E+00	kg		
Others	5.6E+00	kg		

5. Additional explanation

Product destination: Europe

• Calculation method of use stage (scenario)

• Expected usage period: five years

Estimated number of use : 192,000 sheets

32 (Jobs/Day) × 20 (Sheets/Job) ÷ 4 × 5 (Days/Week) × 4 (Weeks/Month) × 12 (Months/Year) × 5 (Years)

= 192,000 sheets

 $\cdot$  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

- 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/)

Registration number : JR-AI-24294E