SuMPO SuMPO EPD **RIFIED** Type III Environmental Declaration (EPD)

Registration number : JR-AI-24463E

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-C533WD (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-C533WD Marking technologies : Electrophotographic Printer (EP) Print speed : Monochrome 33prints/minute (A4) Full-color 33prints/minute (A4) Maximum Paper Size : A4 Print/Copy/Scan/Fax : Standard Duplex printing/ADF : Standard **Company Information** SHARP CORPORATION Smart Business Solutions BU E-mail :ECOLEAF-BS@sharp.co.jp

	Registration#	JR-AI-24463E				
	PCR number	PA-590000-AI-08				
	PCR name	Imaging input and/or output equipment				
	Publication date	19 December 2024				
	Verification date	09 December 2024				
	Verification method	System certificaion				
	Verification#	FV-08-24033				
	Expiration date	12/8/2029				
	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 IS	G014025				

accordance with ISO14025

□internal

external

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

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EPD SuMPO EPD

SUMPC

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1. Results of life cycle impact assessment (LCIA)									
			0%	20%	40% 6	60% 80%	% 1009		
	710	kg-CO2eq			2% -				
Global warming IPCC2013 GWP100a				56%		<mark>5%</mark> 29%	8%		
Acidification	0. 51	kg-SO2eq		64%	19		.1% 6%		
Resources consumption	0. 31	kg-Sbeq	83%		0% - 0%	0% 17%			
Raw material acquisition Production Distribution									
Stage Parameter	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life		
Global warming IPCC2013 GWP100a	kg-CO ₂ eq	7.1E+02	3.9E+02	1.6E+01	3.4E+01	2.0E+02	5.9E+01		
Acidification	kg-SO ₂ eq	5.1E-01	3.3E-01	5.1E-03	3.8E-02	1.1E-01	3.3E-02		
Resources consumption	kg-Sbeq	3.1E-01	2.6E-01	6.5E-05	1.5E-04	5.1E-02	5.2E-05		

2. Life cycle inventory analysis (LCI)					
Parameter		Unit			
Non-renewable material resources	3.2E+01	kg			
Renewable material resources	7.9E+01	kg			

3. Material composition					
Material		Unit			
Steel	1.4E+01	kg			
SUS	4.0E-01	kg			
Aluminium	5.7E-01	kg			
Other metal	9.4E-02	kg			
Plastic	1.9E+01	kg			
Rubber	4.7E-02	kg			
Glass	1.2E+00	kg			
Paper • Wood	3.2E+00	kg			
Circuit Board	2.4E+00	kg			
Others	3.2E+00	kg			

5. Additional explanation

Product destination: Europe

• Calculation method of use stage (scenario)

• Expected usage period: five years

Estimated number of use : 163,200 sheets

32 (Jobs/Day) × 17 (Sheets/Job) \div 4 × 5 (Days/Week) × 4 (Weeks/Month) × 12 (Months/Year) × 5 (Years) = 163,200 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 $\ensuremath{\mathbb{R}}$ 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 v1.18

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/)

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