Sumpo EPD Sumpo EPD Type III Environmental Declaration (EPD)

Registration number : JR-AI-24296E

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-60C45 (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-60C45 Marking technologies : Electrophotographic Printer (EP) Print speed : Monochrome 45prints/minute (A4) Full-color 45prints/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-24296E			
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-08-24009			
Expiration date	07 August 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 ISO14025				

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

external

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□internal

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VERIFIED Type III Environmental Declaration (EPD)

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1. Results of life cycle im	pact asse	ssment (L	CIA)					
			0%	20% 4	.0% 6	0% 80%	6 100%	
	1100	kg-CO2eq			3% ¬			
Global warming IPCC2013 GWP100a				54%	↓ €	<mark>%</mark> 27%	10%	
					1%			
Acidification	0.82	kg-SO2eq		63%			9% <mark>8%</mark>	
Resources consumption	0. 51	kg-Sbeq			86%	0% - 0	% 0% -	
					80%	1	13/0	
		1	Raw material acquisition Production Distribution				oution	
	Use & maintenance End-of-Life							
stage			Raw material			Use &		
Parameter	Unit	Total	acquisition	Production	Distribution	maintenance	End-of-Life	
Global warming IPCC2013 GWP100a	kg-CO ₂ eq	1.1E+03	6.2E+02	3.1E+01	7.2E+01	3.1E+02	1.1E+02	
Acidification	kg-SO ₂ eq	8.2E-01	5.1E-01	7.4E-03	7.8E-02	1.6E-01	6.5E-02	
Resources consumption	kg-Sbeq	5.1E-01	4.4E-01	8.4E-05	3.0E-04	6.8E-02	1.1E-04	

2. Life cycle inventory analysis (LCI)				
Parameter		Unit		
Non-renewable material resources	6.1E+01	kg		
Renewable material resources	1.4E+02	kg		

3. Material composition					
Material		Unit			
Steel	3.3E+01	kg			
SUS	9.5E-01	kg			
Aluminium	5.2E-01	kg			
Other metal	9.7E-01	kg			
Plastic	3.4E+01	kg			
Rubber	8.3E-02	kg			
Glass	2.1E+00	kg			
Paper • Wood	1.3E+01	kg			
Circuit Board	2.6E+00	kg			
Others	5.5E+00	kg			

5. Additional explanation

Product destination: Europe

• Calculation method of use stage (scenario)

• Expected usage period: five years

Estimated number of use : 297,600 sheets

32 (Jobs/Day) × 31 (Sheets/Job) ÷ 4 × 5 (Days/Week) × 4 (Weeks/Month) × 12 (Months/Year) × 5 (Years)

= 297,600 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/)

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