



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-23513E

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization

14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan

<https://ecoleaf-label.jp/>



BROTHER INDUSTRIES, LTD.

3-in-1 Colour LED Printer

DCP-L3560CDW for Europe



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: DCP-L3560CDW

- Multifunction device(EP method)
- Colour
- Printing Speed: 26ppm (Monochrome/Colour, A4)
- Maximum paper size : A4
- Print/Copy/Scan/Automatic duplex printing/ADF (Automatic document feeding)
- Product weight: 20.3kg, Packaging etc.: 3.3kg
- Wired/Wireless LAN

* This product is for Europe.

Company Information

Brother Industries, Ltd.

TEL: 81-52-824-2511 (Representative)

<https://www.brother.eu/en>

Registration#	JR-AI-23513E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	2/9/2024
Verification date	1/31/2024
Verification method	System certificaion
Verification#	JV-AI-23513E
Expiration date	1/30/2029

PCR review was conducted by:

Approval date	9/1/2023
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

Third party verifier*

Yasuo Koseki

Independent verification of data & declaration in accordance with ISO14025

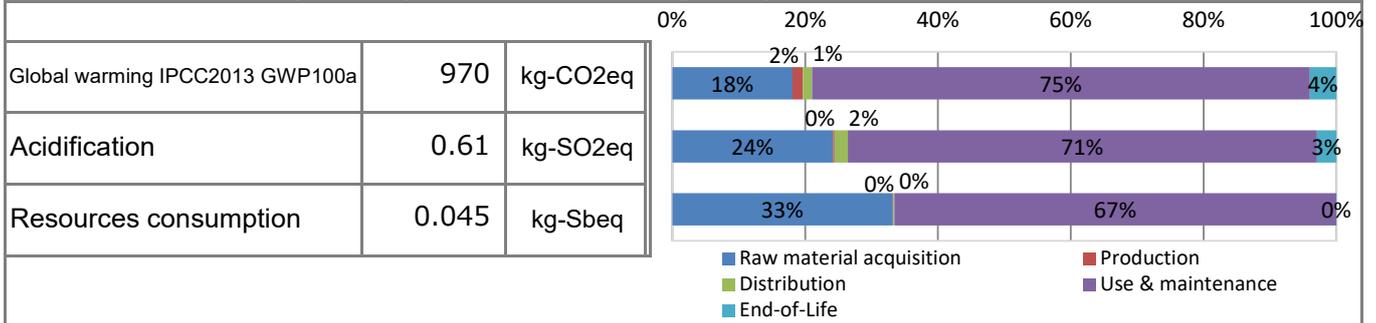
internal external

*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	9.7E+02	1.8E+02	1.5E+01	1.4E+01	7.3E+02	3.9E+01
Acidification		kg-SO ₂ eq	6.1E-01	1.5E-01	1.4E-03	1.2E-02	4.3E-01	1.8E-02
Resources consumption		kg-Sbeq	4.5E-02	1.5E-02	3.8E-05	5.8E-05	3.0E-02	9.7E-06

2. Life cycle inventory analysis (LCI)

Parameter	Unit
Non-renewable material resources	4.8E+01 kg
Non-renewable energy resources	1.4E+04 MJ
Renewable material resources	1.1E+02 kg
Renewable primary energy	3.1E+02 MJ
Consumption of freshwater	1.0E+00 m ³

3. Material composition

Material	Unit
Steel	5.4E+00 kg
SUS	2.1E-01 kg
Aluminium	3.2E-01 kg
Other metal	2.3E-03 kg
Plastic	1.2E+01 kg
Rubber	3.4E-01 kg
Glass	6.7E-01 kg
Paper and Wood	2.6E+00 kg
Circuit board	9.1E-01 kg
Othres	1.1E+00 kg

5. Additional explanation

Calculation method for usage stage (Scenario) : Multifunction device(EP method), Expected use period: 5 years, Assumed usage: 101,400 sheets, Print measuring method (Pattern): ISO/IEC 19798, Printing paper is not included in the environmental impact, The applied Energy Star program version is 3.0, This product is for Europe.

6-1. Supplementary environmental information

This product and main components are produced in ISO 14001 certified factories.

7. Assumptions of secondary data used

Inventory Database: IDEA v2.1.3, and registered data of Japan EPD Program by SuMPO, JLCA data v1.10 are used.

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/>)