



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-23519E

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization
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<https://ecoleaf-label.jp/>

brother
at your side

BROTHER INDUSTRIES, LTD.

Inkjet Printer

DCP-J1200W 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-J1200W

- InkJet Printer (IJ method)
- Product weight: 5.6 kg, Packaging etc.: 1.7 kg
- Maximum document size: A4
- Manual duplex printing
- Wireless LAN

* This product is for Europe.

Registration#	JR-AI-23519E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	4/19/2024
Verification date	4/16/2024
Verification method	System certificaion
Verification#	JV-AI-23519E
Expiration date	4/15/2029

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.

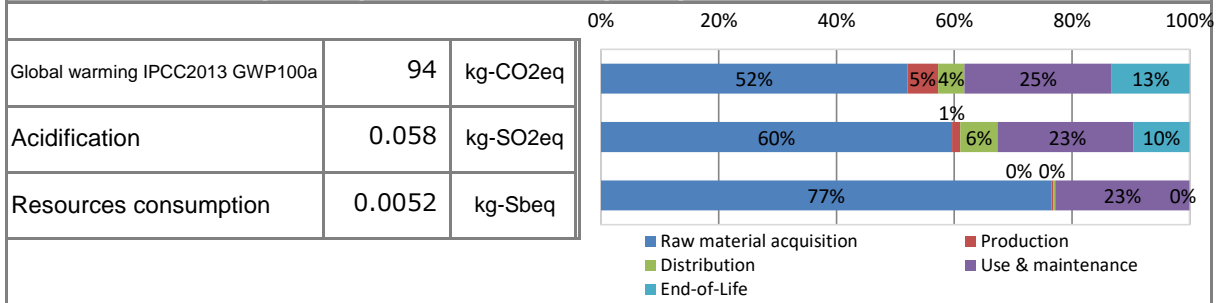
Company Information

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<https://global.brother/en>

Registration number : JR-AI-23519E

**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	9.4E+01	4.9E+01	4.9E+00	4.2E+00	2.4E+01	1.2E+01
Acidification		kg-SO ₂ eq	5.8E-02	3.5E-02	8.3E-04	3.7E-03	1.3E-02	5.6E-03
Resources consumption		kg-Sbeq	5.2E-03	4.0E-03	1.5E-05	1.8E-05	1.2E-03	3.0E-06

2. Life cycle inventory analysis (LCI)

Parameter	Unit	Value
Non-renewable material resources	kg	4.5E+00
Non-renewable energy resources	MJ	1.4E+03
Renewable material resources	kg	1.0E+01
Renewable primary energy	MJ	6.0E+01
Consumption of freshwater	m ³	1.0E-01

3. Material composition

Material	Value	Unit
Steel	7.7E-01	kg
SUS	5.6E-02	kg
Aluminium	5.0E-03	kg
Other metal	2.3E-03	kg
Plastic	3.8E+00	kg
Rubber	2.4E-02	kg
Glass	6.5E-01	kg
Paper and Wood	1.1E+00	kg
Circuit board	2.6E-01	kg
Othres	5.6E-01	kg

5. Additional explanation

Calculation method for usage stage (Scenario)

Printer (IJ method), Expected use period: 3 years, Assumed usage: 7,200 sheets, Test page: ISO/IEC 24712

Printing paper is not included in the environmental impact. This product is for Europe.

6-1. Supplementary environmental information

This product and main components are produced in our 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/>)