



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-23307E

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.

Inkjet Printer

HL-J6010DW for EU



### 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: HL-J6010DW

- InkJet Printer
- Product weight: 17.9 kg, Packaging etc.: 3.6 kg
- Maximum document size: A3
- Automatic duplex printing
- Wired/Wireless LAN

\* This product is for EU.

Registration#	JR-AI-23307E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	12/27/2023
Verification date	12/19/2023
Verification method	System certificaion
Verification#	JV-AI-23307E
Expiration date	12/18/2028
<b>PCR review was conducted by:</b>	
Approval date	09/01/2023
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

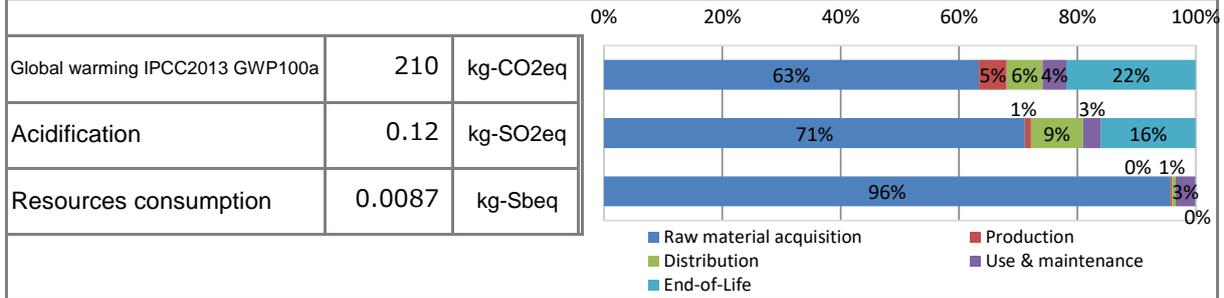
Brother Industries, Ltd.

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

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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 <sub>2</sub> eq	2.1E+02	1.3E+02	9.7E+00	1.3E+01	8.3E+00	4.5E+01
Acidification		kg-SO <sub>2</sub> eq	1.2E-01	8.9E-02	1.2E-03	1.1E-02	3.7E-03	2.0E-02
Resources consumption		kg-Sbeq	8.7E-03	8.4E-03	2.7E-05	5.3E-05	2.8E-04	9.2E-06

**2. Life cycle inventory analysis (LCI)**

Parameter	Unit	Value
Non-renewable material resources	kg	7.1E+00
Non-renewable energy resources	MJ	3.0E+03
Renewable material resources	kg	2.9E+01
Renewable primary energy	MJ	1.2E+02
Consumption of freshwater	m <sup>3</sup>	2.1E-01

**3. Material composition**

Material	Value	Unit
Steel	3.1E+00	kg
SUS	5.5E-02	kg
Aluminium	2.1E-02	kg
Other metal	5.6E-06	kg
Plastic	1.4E+01	kg
Rubber	4.1E-02	kg
Glass	0.0E+00	kg
Paper and Wood	2.5E+00	kg
Circuit board	5.7E-01	kg
Othres	1.1E+00	kg

**5. Additional explanation**

Calculation method for usage stage (Scenario)

Printer (IJ), Expected use period: 3 years, Assumed usage: 7,200 sheets, Test page: ISO/IEC 24711

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

**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/>)