



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24413E

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization  
14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan  
<https://ecoleaf-label.jp/>



3-in-1 Monochrome Laser Printer

**DCP-L2620DW** for Europe

BROTHER INDUSTRIES, LTD.



### 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-L2620DW
- Multifunction device(EP method)
  - Monochrome
  - Printing Speed: 32ppm (A4)
  - Maximum paper size : A4
  - Print/Copy/Scan/Automatic duplex printing
  - Product weight: 9.9kg, Packaging etc.: 3.1kg
  - Wireless LAN
- \* This product is for Europe.

Registration#	JR-AI-24413E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	3/11/2025
Verification date	2/27/2025
Verification method	System certificaion
Verification#	JV-AI-24413E
Expiration date	2/26/2030
<b>PCR review was conducted by:</b>	

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

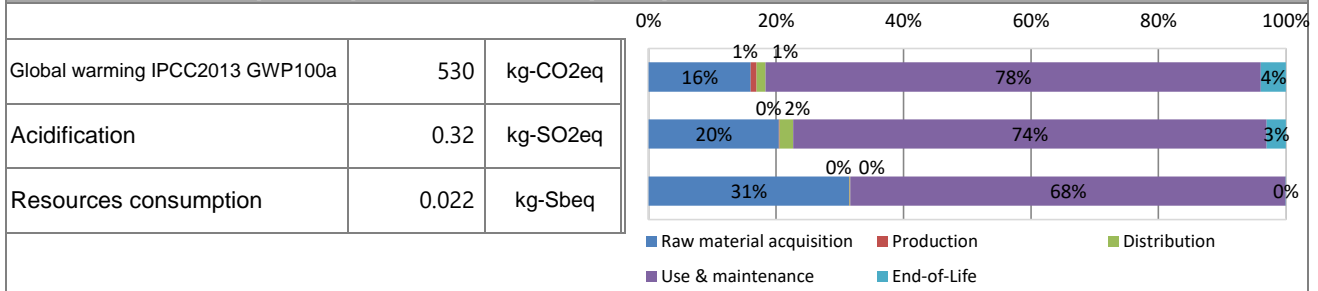
internal       external

### Company Information

Brother Industries, Ltd.  
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<https://global.brother/en>

\*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 <sub>2</sub> eq	5.3E+02	8.5E+01	4.8E+00	7.5E+00	4.1E+02	2.1E+01
Acidification		kg-SO <sub>2</sub> eq	3.2E-01	6.5E-02	3.5E-04	6.6E-03	2.3E-01	9.5E-03
Resources consumption		kg-Sbeq	2.2E-02	6.8E-03	1.3E-05	3.2E-05	1.5E-02	5.4E-06

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

Parameter	Unit
Non-renewable material resources	2.4E+01 kg
Non-renewable energy resources	7.8E+03 MJ
Renewable material resources	5.8E+01 kg
Renewable primary energy	1.5E+02 MJ
Consumption of freshwater	6.4E-01 m <sup>3</sup>

**3. Material composition**

Material	Unit
Steel	1.9E+00 kg
SUS	4.8E-02 kg
Aluminium	7.5E-02 kg
Other metal	0.0E+00 kg
Plastic	6.5E+00 kg
Rubber	1.9E-01 kg
Glass	6.7E-01 kg
Paper and Wood	2.5E+00 kg
Circuit board	3.8E-01 kg
Othres	6.6E-01 kg

**5. Additional explanation**

Calculation method for usage stage (Scenario) : Multifunction device(EP method), Expected use period: 5 years, Assumed usage: 153,600 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 v1.18 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/>)