



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-23515E

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 Monochrome Laser Printer

**DCP-L2530DW** 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-L2530DW

- Multifunction device(EP method)
- Monochrome
- Printing Speed: 30ppm (A4)
- Maximum paper size : A4
- Print/Copy/Scan/Automatic duplex printing
- Product weight: 10.1kg, Packaging etc.: 2.8kg
- Wireless LAN

\* This product is for Europe.

### Company Information

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

Registration#	JR-AI-23515E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	4/19/2024
Verification date	4/11/2024
Verification method	System certificaion
Verification#	JV-AI-23515E
Expiration date	4/10/2029

### 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

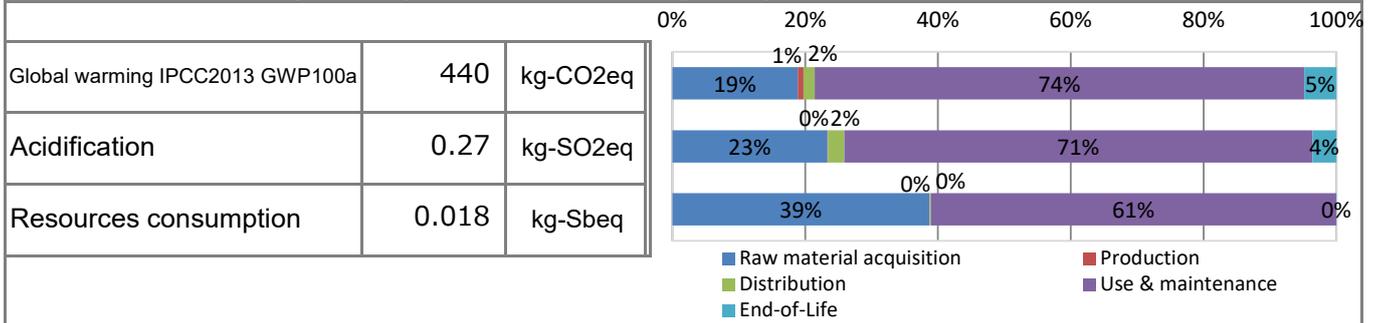
internal       external

\*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 <sub>2</sub> eq	4.4E+02	8.4E+01	3.9E+00	7.5E+00	3.3E+02	2.2E+01
Acidification		kg-SO <sub>2</sub> eq	2.7E-01	6.3E-02	2.8E-04	6.6E-03	1.9E-01	9.7E-03
Resources consumption		kg-Sbeq	1.8E-02	6.9E-03	1.1E-05	3.2E-05	1.1E-02	5.4E-06

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

Parameter	Unit
Non-renewable material resources	1.8E+01 kg
Non-renewable energy resources	6.4E+03 MJ
Renewable material resources	4.7E+01 kg
Renewable primary energy	1.2E+02 MJ
Consumption of freshwater	5.3E-01 m <sup>3</sup>

**3. Material composition**

Material	Unit
Steel	2.0E+00 kg
SUS	4.9E-02 kg
Aluminium	7.6E-02 kg
Other metal	0.0E+00 kg
Plastic	6.7E+00 kg
Rubber	2.0E-01 kg
Glass	6.9E-01 kg
Paper and Wood	2.2E+00 kg
Circuit board	3.5E-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: 135,000 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/>)