



SuMPO EPD

Type III Environmental Declaration (EPD)

Japan EPD Program by SuMPO

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

Registration number : JR-AI-25019E

**brother**  
at your side  
BROTHER INDUSTRIES, LTD.

3-in-1 Inkjet Printer  
**DCP-J1460DW** 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-J1460DW

Multifunction device (IJ method)

Product weight: 7.1 kg    Packaging etc.: 1.8 kg

Maximum paper size : A4

Print/Copy/Scan/Automatic duplex printing/

Automatic document feeding

Wireless LAN

\* This product is for Europe.

#### Company Information

Brother Industries, Ltd.

[inml-ecoleaf-jimukyoku\(at\)brother.co.jp](mailto:inml-ecoleaf-jimukyoku(at)brother.co.jp)

<https://global.brother/en>

|                              |   |
|------------------------------|---|
| Registration#                | JR-AI-25019E                                  |
| PCR number                   | PA-590000-AI-08                               |
| PCR name                     | Imaging input and/or output equipment         |
| Publication date             | 6/30/2025                                     |
| Verification date            | 6/23/2025                                     |
| Verification method          | System certification                          |
| Verification#                | JV-AI-25019E                                  |
| Expiration date              | 6/22/2030                                     |
| PCR review was conducted by: |   |
| Approval date                | 9/1/2023                                      |
| PCR review                   | Masayuki Kanzaki                              |
| panel chair                  | 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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### Results of life cycle impact assessment (LCIA)

|  |                       | Raw material acquisition | Production | Distribution | Use & maintenance | End-of-Life |
|--|-----------------------|--------------------------|------------|--------------|-------------------|-------------|
| Core mandatory impact indicators           |                       |                          |            |              |                   |             |
| Global Warming Potential total (GWP-total) | kg-CO <sub>2</sub> eq | 5.60E+01                 | 8.59E+00   | 5.25E+00     | 2.13E+01          | 1.39E+01    |
| Acidification                              | kg-SO <sub>2</sub> eq | 1.53E-01                 | 5.83E-02   | 3.48E-03     | 7.05E-02          | 8.94E-03    |
| ADP elements                               | kg-Sbeq               | 3.47E-03                 | 1.15E-05   | 1.03E-08     | 2.89E-04          | 1.43E-06    |

### Life cycle inventory analysis (LCI)

#### Indicators describing use of primary resources

|                   |    | Raw material acquisition | Production | Distribution | Use & maintenance | End-of-Life |
|-------------------|----|--------------------------|------------|--------------|-------------------|-------------|
| RPR <sub>M</sub>  | MJ | 1.23E+01                 | 2.99E-02   | 4.52E-05     | 4.83E+00          | 6.16E-04    |
| NRPR <sub>M</sub> | MJ | 1.97E+02                 | 2.31E-01   | 1.14E-04     | 8.94E+01          | 1.18E-02    |
| RPR <sub>E</sub>  | MJ | 1.11E+02                 | 7.05E+01   | 1.01E-02     | 8.40E+01          | 3.13E+00    |
| NRPR <sub>E</sub> | MJ | 8.78E+02                 | 1.25E+02   | 5.90E+01     | 2.85E+02          | 2.04E+01    |

### Additional explanation

Calculation method for usage stage (Scenario) : Multifunction device(IJ method), Expected use period:3 years, Assumed usage: 7,200 sheets, Printing paper is not included in the environmental impact, This product is for Europe.

### Supplementary environmental information

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

### Assumptions of secondary data used

Inventory Database: IDEA v3.4, and registered data of Japan EPD Program by SuMPO, JLCA data v1.16 are used.

### 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/>)
- This is a selfdeclared translation of EPD that can be accessed at [<https://ecoleaf-label.jp/epd/2319>]  
and is published for convenience purposes. Only the original EPD is valid and