EcoLeaf
Type III Environmental Declaration (EPD)
Registration number： JR-AI-24416E

Japan EPD Program by SuMPO
Sustainable Management Promotion Organization
14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan
https://ecoleaf-label.jp/

4-in-1 Monochrome Laser Printer

MFC-L2800DW 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: MFC-L2800DW

- Multifunction device(EP method)
- Monochrome
- Printing Speed: 32ppm (A4)
- Maximum paper size ：A4
- Print/Copy/Scan/FAX/Automatic duplex printing/ Automatic document feeding
- Product weight: 11.6kg, Packaging etc.: 3.1kg
-Wied/Wireless LAN
* This product is for Europe.

Company Information

Brother Industries, Ltd.
inml-ecoleaf-jimukyoku(at)brother.co.jp
https://global.brother/en

Registration#	JR-AI-24416E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	3/28/2025
Verification date	3/12/2025
Verification method	System certificaion
Verification#	JV-AI-24416E
Expiration date	3/11/2030

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

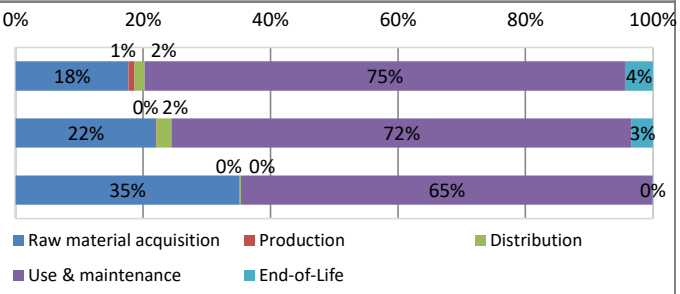
☐internal ■external

*Auditor's name is stated if system certification has been performed.

Japan EPD Program by SuMPO
Sustainable Management Promotion Organization
14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan
https://ecoleaf-label.jp/

1. Results of life cycle impact assessment (LCIA)

Global warming IPCC2013 GWP100a	540	kg-CO2eq
Acidification	0.32	kg-SO2eq
Resources consumption	0.023	kg-Sbeq



Parameter \ stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a	kg-CO_2eq	5.4E+02	9.6E+01	5.2E+00	8.5E+00	4.1E+02	2.4E+01
Acidification	kg-SO_2eq	3.2E-01	7.1E-02	3.8E-04	7.5E-03	2.3E-01	1.1E-02
Resources consumption	kg-Sbeq	2.3E-02	8.0E-03	1.5E-05	3.6E-05	1.5E-02	6.1E-06

2. Life cycle inventory analysis (LCI)

Parameter		Unit
Non-renewable material resources	2.5E+01	kg
Non-renewable energy resources	7.9E+03	MJ
Renewable material resources	5.9E+01	kg
Renewable primary energy	1.6E+02	MJ
Consumption of freshwater	6.5E-01	m^3

3. Material composition

Material		Unit
Steel	2.5E+00	kg
SUS	5.5E-02	kg
Aluminium	7.6E-02	kg
Other metal	0.0E+00	kg
Plastic	7.4E+00	kg
Rubber	2.3E-01	kg
Glass	6.8E-01	kg
Paper and Wood	2.6E+00	kg
Circuit board	4.2E-01	kg
Othres	7.6E-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 compornents 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

–

- 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/)