



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-23514E

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.

Monochrome Laser Printer

HL-L2375DW 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: HL-L2375DW

- Printer (EP method)
- Monochrome
- Printing Speed: 34ppm (A4)
- Maximum document size: A4
- Print/Automatic duplex printing
- Product weight: 7.1kg Packaging etc.: 1.1kg
- Wired/Wireless LAN

* This product is for Europe.

Company Information

Brother Industries, Ltd.

inml-ecoleaf-jimukyoku@brother.co.jp

<https://global.brother/en>

Registration#	JR-AI-23514E
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 certification
Verification#	JV-AI-23514E
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

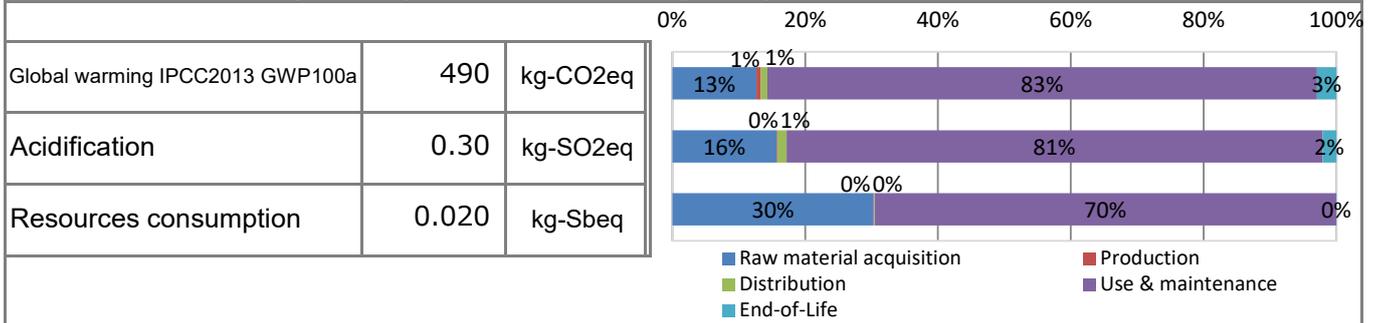
external

*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	LCIA Results				
				Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a		kg-CO ₂ eq	4.9E+02	6.2E+01	3.3E+00	4.7E+00	4.0E+02	1.4E+01
Acidification		kg-SO ₂ eq	3.0E-01	4.8E-02	2.5E-04	4.2E-03	2.5E-01	6.4E-03
Resources consumption		kg-Sbeq	2.0E-02	6.0E-03	9.1E-06	2.0E-05	1.4E-02	3.4E-06

2. Life cycle inventory analysis (LCI)

Parameter	Unit
Non-renewable material resources	1.9E+01 kg
Non-renewable energy resources	7.0E+03 MJ
Renewable material resources	5.0E+01 kg
Renewable primary energy	1.3E+02 MJ
Consumption of freshwater	6.1E-01 m ³

3. Material composition

Material	Unit
Steel	1.7E+00 kg
SUS	4.6E-02 kg
Aluminium	7.5E-02 kg
Other metal	0.0E+00 kg
Plastic	4.3E+00 kg
Rubber	1.9E-01 kg
Glass	3.2E-02 kg
Paper and Wood	8.5E-01 kg
Circuit board	3.0E-01 kg
Othres	5.9E-01 kg

5. Additional explanation

Calculation method for usage stage (scenario) : Printer (EP method), Expected use period: 5 years, Assumed usage: 172,800 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/>)