



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-20010E

Ecoleaf Environmental Labeling Program

Sustainable Management Promotion Organization

2-1, Kaji-cho 2 chome, Chiyoda-ku, Tokyo Japan

<https://ecoleaf-label.jp/>



BROTHER INDUSTRIES, LTD.

Compact Black & White Laser
All-in-One Printer

MFC-L2717DW



Functional unit

Per unit of product

System boundary

■ final products intermediate products

Material - Product - Distribution - Use - Disposition

Main specifications of the product

Model name: MFC-L2717DW

- Business Facsimile (EP method)
- Product weight: 14.3 kg Packaging etc. :2.64kg
- Maximum paper size A4 (maximum 210 x 297 mm)
- Maximum document width 215.9mm
- Super G3 compatible up to 33.6kbps (automatic switching)
- Automatic duplex printing
- Wireless / wired LAN

* This product is for North America

Company Information

Brother Industries, Ltd.

TEL: 81-52-824-2511 (Representative)

FAX: 81-52-824-5177

<https://www.brother-usa.com/>

Registration#	JR-AI-20010E
PCR number	PA-590000-AI-03
PCR name	Imaging input and/or output equipment
Publication date	5/15/2020
Verification date	5/1/2020
Verification method	System certificaion
Verification#	JV-AI-20010
Expiration date	4/30/2025
PCR review was conducted by:	
Approval date	11/ 8/2019
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

Third party verifier*

Wataru Kawamura

Independent verification of data & declaration in accordance with ISO14025

internal

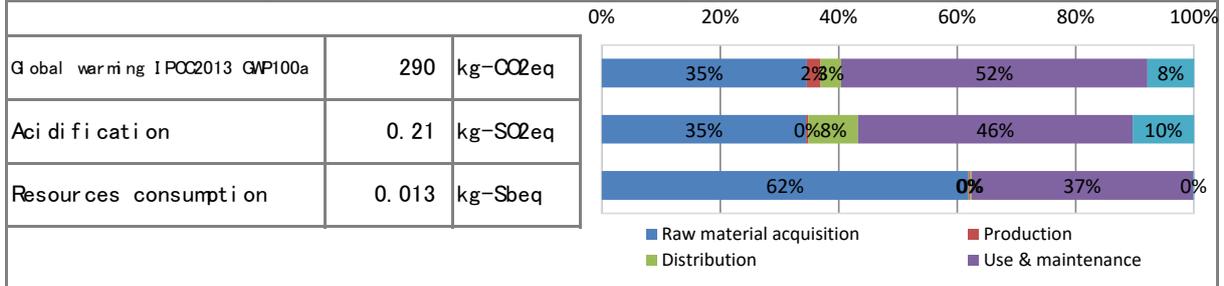
external

*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 ₂ eq	2.9E+02	9.9E+01	6.7E+00	9.9E+00	1.5E+02	2.3E+01
Acidification		kg-SO ₂ eq	2.1E-01	7.3E-02	8.5E-04	1.8E-02	9.9E-02	2.2E-02
Resources consumption		kg-Sbeq	1.3E-02	8.0E-03	2.5E-05	4.2E-05	4.9E-03	2.2E-05

2. Life cycle inventory analysis (LCI)

Parameter	Value	Unit
Non-renewable material resources	1.3E+01	kg
Non-renewable energy resources	1.0E+02	kg
Renewable material resources	2.8E+01	kg
Renewable primary energy	1.1E+02	MJ
Consumption of freshwater	2.8E-01	m ³

3. Material composition

Material	Value	Unit
Steel	2.4E+00	kg
SUS	5.2E-02	kg
Aluminium	7.8E-02	kg
Other metal	0.0E+00	kg
Plastic	7.5E+00	kg
Rubber	2.3E-01	kg
Glass	6.8E-01	kg
Paper and Wood	2.0E+00	kg
Circuit board	5.2E-01	kg
Othres	7.9E-01	kg

5. Additional explanation

- Product destination: North America
- Calculation method for usage stage (scenario)
 - Facsimile (business model)
 - Expected use period: 5 years
 - Transmission / reception: 48,000 each
 - Use pattern when measuring power: ITUT No.1 chart
 - Printing paper is not included in the above environmental impact



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(EPD)

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6-1. Supplementary environmental information

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

7. Assumptions of secondary data used

Inventory Database: IDEA v2.1.3, and registered data of EcoLeaf Environmental Labeling Program, JLCA data v1.07 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/>)

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