



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-21059E-A

Ecoleaf Environmental Labeling Program

Sustainable Management Promotion Organization

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

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

brother
at your side

BROTHER INDUSTRIES, LTD.

Compact Color Inkjet All-in-One

MFC-J1215W



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-J1215W

- Printer (Color IJ method)
- Product weight: 7.3kg Packaging etc.: 1.3kg
- Maximum paper size (maximum 215.9 x 297 mm)
- Manual duplex printing
- Wireless LAN
- Wi-Fi Direct and Mobile App

* 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.eu/>

Registration#	JR-AI-21059E-A
PCR number	PA-590000-AI-03
PCR name	Imaging input and/or output equipment
Publication date	6/30/2021
Verification date	6/24/2021
Verification method	System certificaion
Verification#	JV-AI-21059
Expiration date	6/23/2026
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

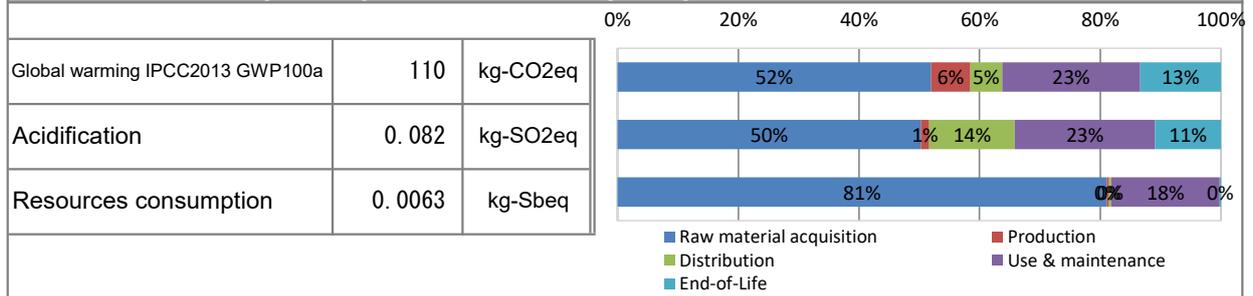
external

*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	1.1E+02	5.9E+01	7.4E+00	6.0E+00	2.6E+01	1.5E+01
Acidification		kg-SO ₂ eq	8.2E-02	4.1E-02	1.2E-03	1.2E-02	1.9E-02	9.0E-03
Resources consumption		kg-Sbeq	6.3E-03	5.1E-03	2.2E-05	2.5E-05	1.1E-03	1.0E-05

2. Life cycle inventory analysis (LCI)

項目	Unit	単位
Non-renewable material resources	6.3E+00	kg
Non-renewable energy resources	3.9E+01	kg
Renewable material resources	1.1E+01	kg
Renewable primary energy	8.8E+01	MJ
Consumption of freshwater	1.2E-01	m ³

3. Material composition

Material	Unit	Unit
Steel	1.8E+00	kg
SUS	8.2E-02	kg
Aluminium	5.2E-03	kg
Other metal	2.4E-03	kg
Plastic	4.1E+00	kg
Rubber	1.9E-02	kg
Glass	6.8E-01	kg
Paper and Wood	9.0E-01	kg
Circuit board	3.4E-01	kg
Othres	6.4E-01	kg

5. Additional explanation

Calculation method for usage stage (scenario):

Printer (IJ), Expected use period: 3 years, Assumed usage: 7,200 sheets, Print measuring method (pattern):

ISO/IEC 24712, Printing paper is not included in the environmental impact.



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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 v1.10 are used.

8. Remarks

7/27/2021 Modified freshwater consumption figures on LCI.

- 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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