



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-23305E

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.

4-in-1 Inkjet Printer

MFC-J6955DW 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: MFC-J6955DW
- Facsimile (business model)
 - Recording method: IJ method
 - Maximum recording size: A3
 - Maximum document size: A3
 - Super G3
 - Product weight: 22.2kg, Packaging etc.: 3.6kg
 - Automatic duplex printing
 - Wired/Wireless LAN

* This product is for Europe.

Company Information

Brother Industries, Ltd.
 TEL: 81-52-824-2511 (Representative)
<https://www.brother.eu/en>

Registration#	JR-AI-23305E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	3/15/2024
Verification date	3/4/2024
Verification method	System certificaion
Verification#	JV-AI-23305E
Expiration date	3/3/2029
PCR review was conducted by:	
Approval date	9/1/2023
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

Third party verifier*

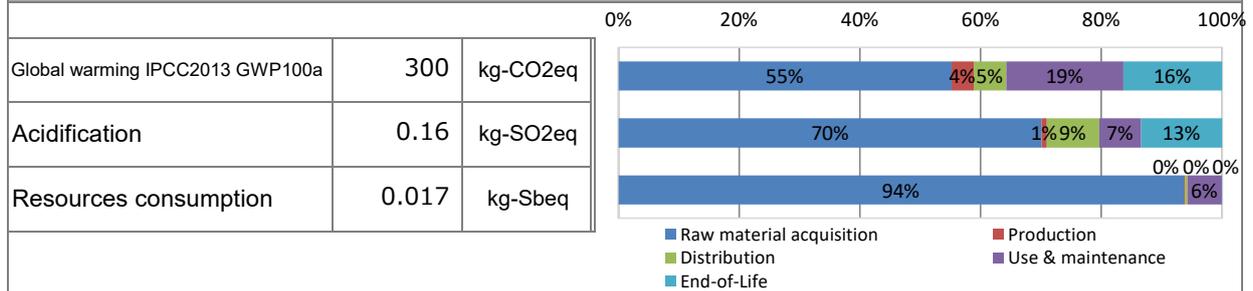
Yasuo Koseki

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	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a		kg-CO ₂ eq	3.0E+02	1.6E+02	1.1E+01	1.6E+01	5.8E+01	4.9E+01
Acidification		kg-SO ₂ eq	1.6E-01	1.1E-01	1.3E-03	1.4E-02	1.1E-02	2.2E-02
Resources consumption		kg-Sbeq	1.7E-02	1.6E-02	3.0E-05	6.8E-05	9.4E-04	1.1E-05

2. Life cycle inventory analysis (LCI)

Parameter	Unit
Non-renewable material resources	1.3E+01 kg
Non-renewable energy resources	4.4E+03 MJ
Renewable material resources	3.2E+01 kg
Renewable primary energy	1.6E+02 MJ
Consumption of freshwater	2.7E-01 m ³

3. Material composition

Material	Unit
Steel	4.0E+00 kg
SUS	3.5E-01 kg
Aluminium	1.4E-02 kg
Other metal	5.6E-06 kg
Plastic	1.5E+01 kg
Rubber	1.3E-01 kg
Glass	1.3E+00 kg
Paper and Wood	2.7E+00 kg
Circuit board	7.9E-01 kg
Othres	1.3E+00 kg

5. Additional explanation

Calculation method for usage stage (Scenario) : Facsimile (Business model), Expected use period: 5 years, Transmission / reception: 48,000 each, Use pattern when measuring power: ITU-T No.1 chart, Printing paper is not included in the environmental impact, This product is for Europe.

6-1. Supplementary environmental information

This product and main compornents are produced in our 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/>)