BROTHER INDUSTRIES, LTD.

Wireless Colour Laser +LCD

MFC-L9570CDW

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-L9570CDW

- Business Facsimile (Colour EP method)
- Product weight: 29.6 kg　Packaging etc.: 6.0kg
- Maximum paper size A4 (maximum 210 x 297 mm)
- Super G3 compatible up to 33.6kbps (automatic switching)
- Automatic duplex printing
- Wireless / wired LAN
- * This product is for European Union.

Company Information

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

Registration#	JR-AI-21078E
PCR number	PA-590000-AI-03
PCR name	5.15411E-05
Publication date	9/24/2021
Verification date	9/13/2021
Verification method	System certificaion
Verification#	JV-AI-21078
Expiration date	9/12/2026

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

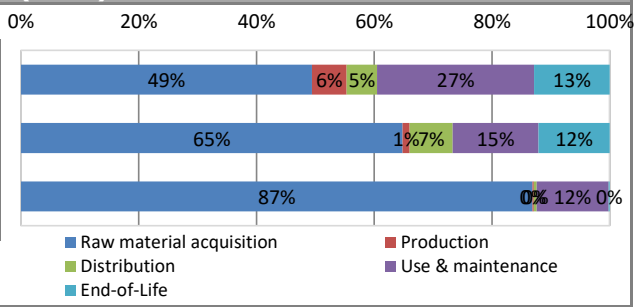
*Auditor's name is stated if system certification has been performed.

EcoLeaf
Type III Environmental Declaration (EPD)
Registration number： JR-AI-21078E

Ecoleaf Environmental Labeling Program
Sustainable Management Promotion Organization
2-1, Kaji-cho 2 chome, Chiyoda-ku, Tokyo Japan
https://ecoleaf-label.jp/

1. Results of life cycle impact assessment (LCIA)

Global warming IPCC2013 GWP100a	500	kg-CO2eq
Acidification	0. 31	kg-SO2eq
Resources consumption	0. 022	kg-Sbeq



Parameter \ stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a	kg-CO_2eq	5.0E+02	2.5E+02	2.9E+01	2.6E+01	1.3E+02	6.4E+01
Acidification	kg-SO_2eq	3.1E-01	2.0E-01	3.8E-03	2.3E-02	4.5E-02	3.8E-02
Resources consumption	kg-Sbeq	2.2E-02	1.9E-02	5.2E-05	1.1E-04	2.7E-03	4.4E-05

2. Life cycle inventory analysis (LCI)

項目		単位
Non-renewable material resources	2.1E+01	kg
Non-renewable energy resources	1.8E+02	kg
Renewable material resources	6.1E+01	kg
Renewable primary energy	1.3E+02	MJ
Consumption of freshwater	4.6E-01	m^3

3. Material composition

Material		Unit
Steel	8.2E+00	kg
SUS	2.6E-01	kg
Aluminium	4.4E-01	kg
Other metal	4.1E-03	kg
Plastic	1.8E+01	kg
Rubber	4.5E-01	kg
Glass	1.2E+00	kg
Paper and Wood	4.6E+00	kg
Circuit board	1.1E+00	kg
Othres	1.6E+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: ITUT No.1 chart, Printing paper is not included in the environmental impact, Product destination:European Union.

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 EcoLeaf Environmental Labeling Program, 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/)