4-in-1 Colour Laser Printer

MFC-L8970CDW for Europe

BROTHER INDUSTRIES, LTD.

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-L8970CDW

Multifunction device (EP method)

Colour

Printing speed:31ppm (A4)

Maximum document size: A4

Print/Copy/Scan/FAX/Automatic duplex printing/ADF (Automatic document feeding)

Product weight: 26.7kg, Packaging etc.: 8.6kg

Wired/Wireless LAN

* This product is for Europe.

Company Information

Brother Industries, Ltd.

inml-ecoleaf-jimukyoku(at)brother.co.jp

https://global.brother/en

Registration#	JR-AI-25380E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	2/6/2026
Verification date	1/21/2026
Verification method	System certificaion
Verification#	JV-AI-25380E
Expiration date	1/20/2031

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.

SuMPO EPD JAPAN VERIFIED

Registration number： JR-AI-25380E

SuMPO EPD
Type Ⅲ Environmental Declaration (EPD)

Japan EPD Program by SuMPO
Sustainable Management Promotion Organization
14-8, Uchikanda 1-chome, Chiyoda-ku,
Tokyo Japan
https://ecoleaf-label.jp/

Results of life cycle impact assessment (LCIA)

		Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global Warming Potential total (GWP-total)	kg-CO_2eq	2.05E+02	1.82E+01	2.08E+01	4.39E+02	5.71E+01
Acidification	kg-SO_2eq	6.26E-01	1.44E-01	1.32E-02	1.70E+00	3.98E-02
ADP elements	kg-Sbeq	5.92E-02	5.24E-05	4.05E-08	2.38E-02	8.12E-06

Life cycle inventory analysis (LCI)

Indicators describing use of primary resources

		Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
RPR_E	MJ	4.91E+02	1.67E+02	3.96E-02	2.49E+03	1.80E+01
RPR_M	MJ	3.41E+01	8.33E-01	1.79E-04	1.29E+02	3.44E-03
$NRPR_E$	MJ	3.47E+03	2.82E+02	2.33E+02	7.84E+03	9.60E+01
$NRPR_M$	MJ	7.43E+02	1.41E+00	4.49E-04	1.08E+03	5.91E-02

RPRE＝renewable primary resources used as an energy carrier (fuel)

RPRM＝renewable primary resources with energy content used as material

NRPRE＝non-renewable primary resources used as an energy carrier (fuel)

NRPRM＝non-renewable primary resources with energy content used as material

Additional explanation

Calculation method for usage stage (scenario) : Multifunction device(EP method), Expected use period: 5 years, Assumed usage: 139,500 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.

Supplementary environmental information

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

Material composition

Material		Unit
Steel	6.6E+00	kg
SUS	2.1E-01	kg
Aluminium	3.2E-01	kg
Other metal	9.3E-02	kg
Plastic	1.7E+01	kg
Rubber	1.3E-01	kg
Glass	3.7E-01	kg
Paper and Wood	8.2E+00	kg
Circuit board	8.8E-01	kg
Othres	1.6E+00	kg

Assumptions of secondary data used

Inventory Database: IDEA v3.4 and registered data of Japan EPD Program by SuMPO, JLCA data v1.16 are used.

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/）
- This is a selfdeclared translation of EPD that can be accessed at https://ecoleaf-label.jp/epd/2829 and is published for convenience purposes. Only the original EPD is valid and binding between parties.