



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-20120E-A

Ecoleaf Environmental Labeling Program

Sustainable Management Promotion Organization

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

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



Colour Wireless LED printer HL-L3270CDW



Functional unit

Per unit of product

System boundary

■ final products intermediate products

Material - Product - Distribution - Use - Disposition

Main specifications of the product

Model name: HL-L3270CDW

- Printer (EP method)
- Colour
- Product weight: 18.5kg Packaging etc.: 3.8kg
- Printing Speed: 24ppm (A4)
- Automatic duplex printing
- Wireless / wired LAN

* This product is for European Union.

Company Information

Brother Industries, Ltd.
 TEL: 81-52-824-2511 (Representative)
 FAX: 81-52-824-5177
<https://www.brother.eu/>

Registration#	JR-AI-20120E-A
PCR number	PA-590000-AI-03
PCR name	Imaging input and/or output equipment
Publication date	3/31/2021
Verification date	3/24/2021
Verification method	System certificaion
Verification#	JV-AI-20119
Expiration date	3/23/2026
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

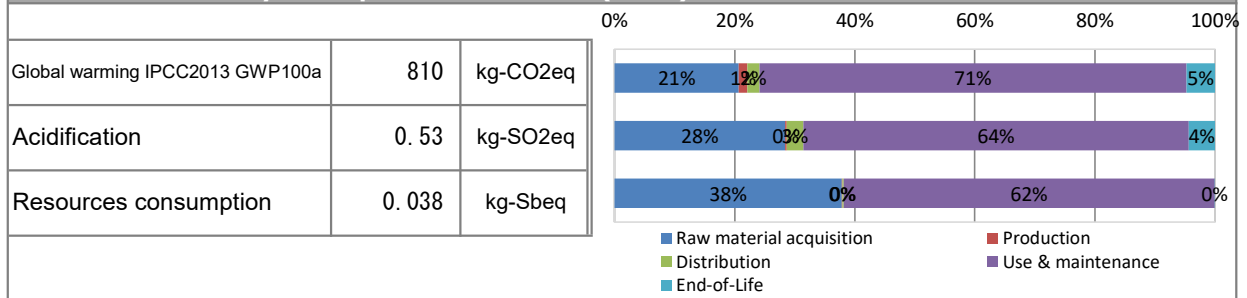
internal external

*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	8.1E+02	1.7E+02	1.2E+01	1.6E+01	5.8E+02	3.9E+01
Acidification		kg-SO ₂ eq	5.3E-01	1.5E-01	1.5E-03	1.5E-02	3.4E-01	2.3E-02
Resources consumption		kg-Sbeq	3.8E-02	1.5E-02	3.8E-05	6.9E-05	2.4E-02	2.7E-05

2. Life cycle inventory analysis (LCI)

項目	Value	単位
Non-renewable material resources	4.1E+01	kg
Non-renewable energy resources	2.9E+02	kg
Renewable material resources	9.4E+01	kg
Renewable primary energy	2.8E+02	MJ
Consumption of freshwater	8.1E-01	m ³

3. Material composition

Material	Value	Unit
Steel	5.7E+00	kg
SUS	2.1E-01	kg
Aluminium	4.6E-01	kg
Other metal	2.9E-03	kg
Plastic	1.0E+01	kg
Rubber	3.5E-01	kg
Glass	2.9E-02	kg
Paper and Wood	3.1E+00	kg
Circuit board	8.4E-01	kg
Othres	1.2E+00	kg

4. Waste to disposal

Parameter	Value	Unit
Treated MSW for landfill	0.0E+00	kg
Treated industrial waste for landfill	8.1E+00	kg

*Data derived from LCA and not assigned to the impact categories of LCIA

5. Additional explanation

Calculation method for usage stage (scenario) : Printer (EP), Expected use period: 5 years, Assumed usage: 86,400 sheets, Print measuring method (pattern): ISO/IEC 19752, Printing paper is not included in the environmental impact, The applied Energy Star program version is 3.0.



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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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