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BROTHER INDUSTRIES, LTD.

3-in-1 Colour LED Printer

DCP-L3555CDW 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: DCP-L3555CDW
 Multifunction device (Colour EP method)
 Printing Speed: 26ppm (A4)
 Maximum paper size : A4
 Print/Copy/Scan/Automatic duplex printing/ADF
 Product weight: 20.1kg, Packaging etc.: 3.5kg
 Wired/Wireless LAN
 * This product is for Europe.

Company Information

Brother Industries, Ltd.

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<https://global.brother/en>

Registration#	JR-AI-24423E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	3/26/2025
Verification date	3/14/2025
Verification method	System certification
Verification#	JV-AI-24423E
Expiration date	3/13/2030
PCR review was conducted by:	
Approval date	9/Jan/2023
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

Third party verifier*

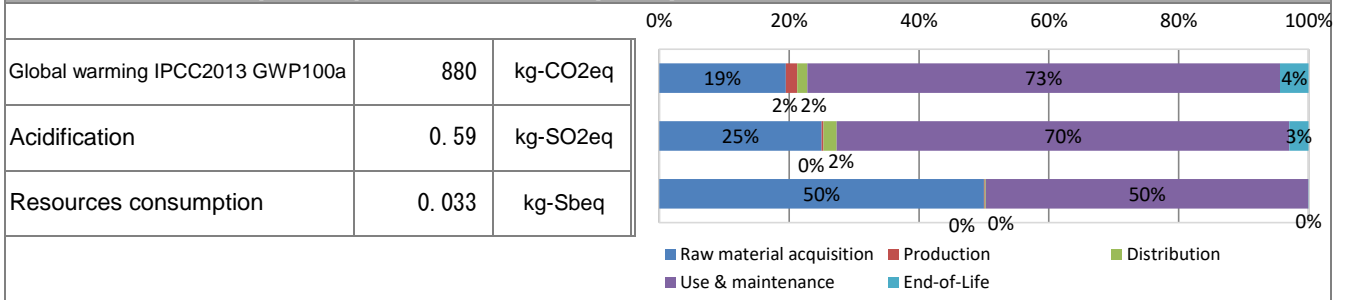
Yasuo Koseki

Independent verification of data & declaration in accordance with ISO14025

internal external

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

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	8.8E+02	1.7E+02	1.6E+01	1.4E+01	6.4E+02	3.9E+01
Acidification		kg-SO ₂ eq	5.9E-01	1.5E-01	1.6E-03	1.2E-02	4.1E-01	1.7E-02
Resources consumption		kg-Sbeq	3.3E-02	1.7E-02	4.1E-05	5.8E-05	1.6E-02	9.7E-06

2. Life cycle inventory analysis (LCI)

Parameter	Unit
Non-renewable material resources	3.7E+01 kg
Non-renewable energy resources	1.3E+04 MJ
Renewable material resources	1.0E+02 kg
Renewable primary energy	3.1E+02 MJ
Consumption of freshwater	1.0E+00 m ³

3. Material composition

Material	Unit
Steel	5.2E+00 kg
SUS	4.9E-01 kg
Aluminium	3.5E-01 kg
Other metal	4.0E-03 kg
Plastic	1.2E+01 kg
Rubber	1.6E-01 kg
Glass	6.4E-01 kg
Paper and Wood	2.6E+00 kg
Circuit board	8.0E-01 kg
Othres	1.2E+00 kg

5. Additional explanation

Calculation method for usage stage (Scenario) : Multifunction device(EP method), Expected use period: 5 years, Assumed usage: 101,400 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.

6-1. Supplementary environmental information

This product and main components are produced in 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 v1.18 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/>)