

SuMPO EPD Type III Environmental Declaration (EPD)

Registration number : JR-AI-25063E



RICOH COMPANY, LTD

Color MFP (Electrophotography)

IM C2501CE (for EU)



Functional unit

Per product

System boundary

■ final products □intermediate products Raw material acquisition, Production, Distribution, Use & maintenance, End-of-Life

Main specifications of the product

Product name: IM C2501CE for EU Main specifications: MFP (Electrophotography) Print Speed : Monochrome 25ppm ,Color 25ppm (A4) Third party verifier* Maximum Paper Size : : 320x450mm(SRA3) Function: Print /Copy /Scan Included Units in Assessment : Automatic Duplexing Unit

Registration#	JR-AI-25063E			
PCR number	PA-590000-AI-08			
PCR name	Imaging input and/or output equipment			
Publication date	4 Jul 2025			
Verification date	26 Jun 2025			
Verification method	System certificaion			
Verification#	JV-AI-25063			
Expiration date	25 Jun 2030			
PCR review was conducted by:				
Approval date	1 Sep 2023			
PCR review	Masayuki Kanzaki			
panel chair	(SuMPO)			
	ala di seconda di s			

Hiroyuki Uchida

Independent verification of data & declaration in accordance with ISO14025

□internal

external

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

Company Information RICOH COMPANY, LTD

https://www.ricoh.co.jp/

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Japan EPD Program by SuMPO

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

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1. Results of life cycle im	pact asses	sment (LC	CIA)				
			0%	20%	40%	60% 8	30% 1009
Global warming IPCC2013 GWP100a	450	kg-CO₂eq		41%	<mark>6.1%</mark> 5.7%	24.3%	23%
Acidification	0.50	kg-SO₂eq		49%	4 <mark>.1</mark> %	17.0% 19	9.6% 10%
Resources consumption	0.25	kg-Sbeq		64%		<mark>0.0</mark> % 3	36.2% 0%
			■ Raw mate ■ Use & ma	rial acquisition intenance	 Production End-of-Life 	Dis Dis	tribution
stage Parameter	Unit	Total	Raw materia acquisition	I Production	Distribution	Use & maintenance	e End-of-Life
Global warming IPCC2013 GWP100a	kg-CO ₂ eq	4.5E+02	1.9E+02	2.7E+01	2.6E+01	1.1E+02	1.0E+02
Acidification	kg-SO ₂ eq	5.0E-01	2.5E-01	2.0E-02	8.5E-02	9.8E-02	5.0E-02
Resources consumption	kg-Sbeq	2.5E-01	1.6E-01	1.7E-04	1.1E-04	9.0E-02	5.5E-05

2. Life cycle inventory analysis (LCI)					
Parameter		Unit			
Non-renewable material resources	1.5E+01	kg			
Renewable material resources	5.1E+01	kg			

3. Material composition					
Material		Unit			
SUS	2.4E+00	kg			
Aluminum	1.0E+00	kg			
Ordinary steel	3.5E+01	kg			
Other metals	5.8E+00	kg			
Thermoplastic resin	3.3E+01	kg			
Thermosetting resin	1.1E+00	kg			
Glass	2.4E+00	kg			
Rubber	5.3E-01	kg			
Paper	1.1E+01	kg			
Lubricant	9.3E-03	kg			
Mounting circuit board	1.1E+00	kg			
Wood	8.8E+00	kg			
Other	0.0E+00	kg			



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5. Additional explanation

Products selected in the scenario used for load calculation

--MFP (Electrophotography)

 $\boldsymbol{\cdot}$ Product destination: EU

• Expected usage period: 5 years

Estimated number of sheets:90,000 sheets ※

*Compatible with International Energy Star Program Ver.3.0

-The load on the image output medium (printing paper) is not included.

• This product uses reused parts to reduce the environmental impact. It is not included at the raw material acquisition stage in the LCA

6-1. Supplementary environmental information

Compliant with the International Energy Star Program Ver.3.0. It also complies with the European RoHS Directive. Assembly production of this product and production of the main parts, photoconductor and toner, are carried out at an ISO14001 certified factory.

Certification number: JQA-E-70001 , AFAQ-N° 1997/14029.15

https://jp.ricoh.com/sustainability/environment/management/iso

7. Assumptions of secondary data used

IDEA v3.1.0, and registered data of Japan EPD Program by SuMPO v1.15 are used.

8. Remarks

- 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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