FlexScan[®] EV2781

LCD MONITOR



The 27.0-inch FlexScan EV2781, frameless IPS monitor with 2560 x 1440 resolution equipped with a USB Type-C terminal for improving productivity and sustainability features for lessening impact on the environment.



The EIZO Group is aware that one of our key responsibilities is to conduct business taking the environment into consideration. We strive to contribute to the sustainable development of our society by being conscious of the impact our business has on the environment.

In product development, we endeavor to meet the legal requirement and standards as well as to enhance the environmentally sound quality of our products including compliance with the legal requirement and standards, industry trends and social conditions.

In addition, we conduct product environmental assessments in accordance with our own Environmental Compliance Standards to measure the environmental soundness of products.





FlexScan EV2781 LCD Monitor

According to ISO 14025

This declaration is an environmental product declaration (EPD) in accordance with ISO 14025. EPDs rely on Life Cycle Assessment (LCA) to provide information on a number of environmental impacts of products over their life cycle. <u>Exclusions</u>: EPDs do not indicate that any environmental or social performance benchmarks are met, and there may be impacts that they do not encompass. LCAs do not typically address



the site-specific environmental impacts of raw material extraction, nor are they meant to assess human health toxicity. EPDs can complement but cannot replace tools and certifications that are designed to address these impacts and/or set performance thresholds – e.g. Type 1 certifications, health assessments and declarations, environmental impact assessments, etc. Accuracy of Results: EPDs regularly rely on estimations of impacts, and the level of accuracy in estimation of effect differs for any particular product line and reported impact. Comparability: EPDs are not comparative assertions and are either not comparable or have limited comparability when they cover different life cycle stages, are based on different product category rules or are missing relevant environmental impacts. EPDs from different programs may not be comparable.

PROGRAM OPERATOR	UL Solutions			
DECLARATION HOLDER	EIZO Corporation			
DECLARATION NUMBER	4790850977.102.1	4790850977.102.1		
DECLARED PRODUCT	FlexScan EV2781 LCD Monitor			
REFERENCE PCR	(2013/00/201309). Environmental De	Common Guideline for Energy Using Products (2017-3)/EPD 004.MONITOR (2013/00/201309). Environmental Declaration of Products_Product Category Rules(PCR) for Monitor by Minister of Environment, Korea		
DATE OF ISSUE	August 1, 2023			
PERIOD OF VALIDITY	5 years			
CONTENTS OF THE DECLARATION	Product definition and information about building physics Information about basic material and the material's origin Description of the product's manufacture Indication of product processing Information about the in-use conditions Life cycle assessment results Testing results and verifications			
The PCR review was conducted	ed by:	PCR Review Panel		
This declaration was independently verified in accordance with ISO 14025 by Underwriters Laboratories ☐ INTERNAL ☐ EXTERNAL		Cooper McCollum Cooper McCollum, UL Solutions		
This life cycle assessment was accordance with ISO 14044 at		James Mellentine, Thrive ESG		



FlexScan EV2781 LCD Monitor

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Product information

Product description

The 27.0-inch FlexScan EV2781, frameless IPS monitor with 2560 x 1440 resolution equipped with a USB Type-C terminal for improving productivity and sustainability features for lessening impact on the environment.



Application

This product is suited to general purposes like creating documents, viewing multimedia content.

Product Environmental Information

EV2781 was certified EPA ENERGY STAR Ver.8.0, TCO Certified Generation 9, EPEAT(IEEE1680.1-2018), TUV/Ergonomie, TUV/Low blue light content, TUV/Flicker Free, RoHS, WEEE and China RoHS.

Company Environmental Activities

Although global environmental standards such as TCO Certified and EPEAT are not legal regulations, EIZO has actively participated and adapted from the beginning of the standard to improve the environmental performance of our products.





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Technical Data

The below table shows the decpription of product technical specification.

Table 1: Technical specification

Panel IPS Backlight LED Size 27" / 68.5 cm Native Resolution 2560 x 1440 (16.9 aspect ratio) Viewable Image Size (H x V) 596.7 x 335.7 mm Pixel Pitch 0.233 x 0.233 mm Display Colors 16.77 million Viewing Angles (H / V, typical) 178° / 178° Brightness (typical) 350 cd/m² Response Time (typical) 5ms (gray-to-gray) Wideo Signals Input Terminals USB Type-C (DisplayPort Alt Mode, HDCP 1.3), DisplayPort (HDCP 1.3), HDMI (HDCP 1.4) USB Type-C: 31 - 89 kHz / 59 - 61 Hz DisplayPort: 31 - 89 kHz / 59 - 61 Hz HDMI: 31 - 89 kHz / 59 - 61 Hz HDMI: 31 - 89 kHz / 59 - 61 Hz HDMI: 31 - 89 kHz / 49 - 51 Hz, 59 - 61 Hz USB 5Gbps: Type-C (DisplayPort Alt Mode, Power Delivery Source 70 W max.) Audio Downstream USB 5Gbps: Type-C (DisplayPort Alt Mode, Power Delivery Source 70 W max.) Audio Input Terminals USB Type-C, DisplayPort, HDMI Audio Input Terminals USB Type-C, DisplayPort, HDMI Audio Headphones (Stereo mini jack) Audio Headphones (Stereo mini jack) <t< th=""><th></th><th></th><th></th></t<>			
Size 27" / 68.5 cm		Туре	IPS
Panel Native Resolution 2560 x 1440 (16:9 aspect ratio) Viewable Image Size (H x V) 596.7 x 335.7 mm Pixel Pitch 0.233 x 0.233 mm Display Colors 16.77 million Viewing Angles (H / V, typical) 178° / 178° Brightness (typical) 350 cd/m² Response Time (typical) 5ms (gray-to-gray) UsB Type-C (DisplayPort Alt Mode, HDCP 1.3), DisplayPort (HDCP 1.3), HDMI (HDCP 1.4) USB Type-C: 31 - 89 kHz / 59 - 61 Hz Digital Scanning Frequency (H / V) USB Type-C: 31 - 89 kHz / 59 - 61 Hz HDMI: 31 - 89 kHz / 49 - 51 Hz, 59 - 61 Hz HDMI: 31 - 89 kHz / 49 - 51 Hz, 59 - 61 Hz USB USB 5Gbps: Type-C (DisplayPort Alt Mode, Power Delivery Source 70 W max.) Downstream USB 5Gbps: Type-A x 4, Audio Input Terminals USB Type-C, DisplayPort, HDMI Audio Input Terminals USB Type-C, DisplayPort, HDMI Power Power Requirements AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 18 W Maximum Power Consumption 153 W Power Save Mode 0.5 W or less Dimensions (Landscape, W x H x D) 611.4 x 368.6 - 545.2 x 230 mm </td <td></td> <td>Backlight</td> <td>LED</td>		Backlight	LED
Viewable Image Size (H x V) 596.7 x 335.7 mm Pixel Pitch 0.233 x 0.233 mm Display Colors 16.77 million Viewing Angles (H / V, typical) 178° / 178° Brightness (typical) 350 cd/m² Response Time (typical) 5ms (gray-to-gray Input Terminals USB Type-C (DisplayPort Alt Mode, HDCP 1.3), DisplayPort (HDCP 1.3), HDMI (HDCP 1.4) USB Type-C: 31 - 89 kHz / 59 - 61 Hz DisplayPort: 31 - 89 kHz / 49 - 51 Hz, 59 - 61 Hz USB 5Gbps: Type-C (DisplayPort Alt Mode, Power Delivery Source 70 W max.) Downstream USB 5Gbps: Type-A x 4, Speakers 1.0 W + 1.0 W Audio Input Terminals Headphones (Stereo mini jack) Power Requirements AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 153 W Power Save Mode 0.5 W or less Dimensions (Landscape, W x H x D) 611.4 x 368.6 - 545.2 x 230 mm		Size	27" / 68.5 cm
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Pixel Pitch 0.233 x 0.233 mm	Danal	Viewable Image Size (H x V)	596.7 x 335.7 mm
Viewing Angles (H / V, typical) 178° / 178° Brightness (typical) 350 cd/m² Response Time (typical) 5ms (gray-to-gray Input Terminals USB Type-C (DisplayPort Alt Mode, HDCP 1.3), DisplayPort (HDCP 1.3), HDMI (HDCP 1.4) USB Type-C: 31 - 89 kHz / 59 - 61 Hz Digital Scanning Frequency (H / V) DisplayPort: 31 - 89 kHz / 59 - 61 Hz HDMI: 31 - 89 kHz / 49 - 51 Hz, 59 - 61 Hz HDMI: 31 - 89 kHz / 49 - 51 Hz, 59 - 61 Hz USB 5Gbps: Type-C (DisplayPort Alt Mode, Power Delivery Source 70 W max.) Downstream USB 5Gbps: Type-A x 4, Speakers 1.0 W + 1.0 W Input Terminals USB Type-C, DisplayPort, HDMI Output Terminals Headphones (Stereo mini jack) Power Requirements AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 153 W Power Save Mode 0.5 W or less Dimensions (Landscape, W x H x D) Candidate	Panei	Pixel Pitch	0.233 x 0.233 mm
Brightness (typical) 350 cd/m²		Display Colors	16.77 million
Response Time (typical) 5ms (gray-to-gray		Viewing Angles (H / V, typical)	178° / 178°
Input Terminals		Brightness (typical)	350 cd/m ²
Video Signals (HDCP 1.3), HDMI (HDCP 1.4) Use Signals Digital Scanning Frequency (H / V) Use Type-C: 31 - 89 kHz / 59 - 61 Hz USB Upstream Use SGbps: Type-C (DisplayPort Alt Mode, Power Delivery Source 70 W max.) Downstream Use SGbps: Type-A x 4, Audio Input Terminals Use Type-C, DisplayPort, HDMI Output Terminals Use Type-C, DisplayPort, HDMI Power Power Requirements AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 18 W Physical Specifications Dimensions (Landscape, W x H x D) 611.4 x 368.6 - 545.2 x 230 mm		Response Time (typical)	5ms (gray-to-gray
Digital Scanning Frequency (H / V) DisplayPort: 31 - 89 kHz / 59 - 61 Hz		Input Terminals	
Digital Scanning Frequency (H / V)	Video Signals		USB Type-C: 31 - 89 kHz / 59 - 61 Hz
USB USB 5Gbps: Type-C (DisplayPort Alt Mode, Power Delivery Source 70 W max.) Downstream USB 5Gbps: Type-A x 4, Audio Input Terminals 1.0 W + 1.0 W Input Terminals USB Type-C, DisplayPort, HDMI Output Terminals Headphones (Stereo mini jack) Power Requirements AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 18 W Maximum Power Consumption 153 W Power Save Mode 0.5 W or less Physical Specifications Dimensions (Landscape, W x H x D)	Video oigilalo	Digital Scanning Frequency (H / V)	DisplayPort: 31 - 89 kHz / 59 - 61 Hz
Source 70 W max.) Downstream			HDMI: 31 - 89 kHz / 49 - 51 Hz, 59 - 61 Hz
Speakers	USB	Upstream	
Audio Input Terminals Output Terminals Headphones (Stereo mini jack) Power Requirements AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption Maximum Power Consumption Power Save Mode Power Save Mode Dimensions (Landscape, W x H x D) (Landscape, W x H x D) Output Terminals Headphones (Stereo mini jack) AC 100 - 240 V, 50 / 60 Hz 18 W Output Terminals AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 153 W Output Terminals AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 153 W Output Terminals AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 154 W Output Terminals AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 155 W Output Terminals AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 154 W Output Terminals AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 155 W Output Terminals AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 154 W Output Terminals AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 155 W Output Terminals AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 156 W Output Terminals AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 157 W Output Terminals AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 168 W Output Terminals AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 158 W Output Terminals AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 168 W Output Terminals AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 168 W Output Terminals AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 168 W Output Terminals AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 168 W Output Terminals AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 168 W Output Terminals AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 168 W Output Terminals AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 168 W Output Terminals AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 168 W Output Terminals AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 168 W Output Terminal		Downstream	USB 5Gbps: Type-A x 4,
Output Terminals Headphones (Stereo mini jack) Power Requirements AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 18 W Maximum Power Consumption 153 W Power Save Mode 0.5 W or less Physical Specifications Output Terminals Headphones (Stereo mini jack) AC 100 - 240 V, 50 / 60 Hz Typical Power Consumption 18 W 611.4 x 368.6 - 545.2 x 230 mm		Speakers	1.0 W + 1.0 W
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Typical Power Consumption 18 W		Output Terminals	Headphones (Stereo mini jack)
Power Maximum Power Consumption 153 W Power Save Mode 0.5 W or less Dimensions (Landscape, W x H x D) 611.4 x 368.6 - 545.2 x 230 mm		Power Requirements	AC 100 - 240 V, 50 / 60 Hz
Maximum Power Consumption 153 W Power Save Mode 0.5 W or less Dimensions (Landscape, W x H x D) 611.4 x 368.6 - 545.2 x 230 mm	Dawas	Typical Power Consumption	18 W
Physical (Landscape, W x H x D) Specifications Control of the co	rower	Maximum Power Consumption	153 W
Physical (Landscape, W x H x D) Specifications (Landscape, W x H x D)		Power Save Mode	0.5 W or less
Net Weight 8.5 kg	•		611.4 x 368.6 - 545.2 x 230 mm
	opecilications	Net Weight	8.5 kg





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Environmental	Operating Temperature	5 - 35 °C
Requirements	Operating Humidity (R.H., non-condensing)	20 - 80 %

Material Content

The below tables show the weight composition by compnent or material in a product and package. Less than 5% of cumulative mass of the product/packagge are excluded.

Table 2: Components/Materials in a Product

Component/Material	Weight (%)	Notes
UNIT-LCD	32.9%	Inclusion
ASSY-STAND-UNIT	24.7%	Inclusion
ASSY-PCB-POWER	9.6%	Inclusion
MLD-REAR-COVER	7.7%	Inclusion
ASSY-PCB-MAIN	7.2%	Inclusion
ASSY-BASE-UNIT	5.1%	Inclusion
MLD-MID-COVER	3.5%	Inclusion
CORD-AC	2.6%	Inclusion
MTL-VESA-PLATE	1.2%	Inclusion
CABLE	1.0%	Inclusion
MTL-MT-COVER	0.9%	Exclusion
Plastic Moldings	0.9%	Exclusion
Manuals	0.7%	Exclusion
INSET-PL-2-AL	0.5%	Exclusion
Harnesses	0.4%	Exclusion
Printings	0.3%	Exclusion





According to ISO 14025

Component/Material	Weight (%)	Notes
Others	0.3%	Exclusion
Metal Materials	0.2%	Exclusion

Table 3: Components/Materials in a Package

Component/Material	Weight (%)	Notes
CARTON-27W-18	42.5%	Inclusion
ASSY-PAD-27W-B-CB	23.4%	Inclusion
CUSHION-27W-18-T	21.2%	Inclusion
TOP-PAD	6.0%	Inclusion
MID-PAD	4.9%	Inclusion
SHEET	1.7%	Exclusion
BAG-PACKING	0.2%	Exclusion





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Manufacturing Location

Table 4: Manufacturing Location

Factory	Address
EIZO Corporation	153 Shimokashiwano, Hakusan, Ishikawa 924-8566 Japan
EIZO MS Corporation (Unit board)	37-9-Re Jike, Hakui, Ishikawa 925-8566 Japan

Transportation

The below table show the transportation path from EIZO manufacturing locatin to their customer sites.

Table 5: Trasportation information from a factory to a customer site

Path	Geographical info	rmation	Volume	Distance
raui	Departure	Arrival	(ton)	(km)
10t truck	Hakusan, Ishikawa	Tokyo	40.97	600
4t truck	Hakusan, Ishikawa	Tokyo	57.47	600
10t truck	Hakusan, Ishikawa	Osaka	8.93	450
4t truck	Hakusan, Ishikawa	Osaka	16.83	450
10t truck	Hakusan, Ishikawa	Nagoya	5.90	400
4t truck	Hakusan, Ishikawa	Nagoya	6.59	400
10t truck	Hakusan, Ishikawa	Fukuoka	13.72	900
4t truck	Hakusan, Ishikawa	Fukuoka	0.78	900





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Use Phase

In Use phase, the total power consumption during the lifetime was calculated according to EPD 004: Monitor [2013/00/201309], Product Category Rules (PCR) for Monitor as below.

Table 6: Usage Condition

Usage time (hours/day)			Lifetime	Usage day
On mode	Standby mode	Off mode	(year)	(days/year)
9.6 (40%)	1.2 (5%)	13.2 (55%)	4	365

Power consumption (W)			Total Power Consumption
On mode	Standby mode	Off mode	(kWh)
18 W	0.5 W	0 W	253.2 kWh

Disposal Stage

The below table show the waste treatment by material according to the data from Japan Plastic Waste Management Instituten, Association for Electric Home Appliances, Paper Recycling Promotion Center.

Table 7: Disposal treatment

Material	Weight (%)	Recycle	Incineration	Landfill
Plastic	21.7%	86%	8%	6%
Iron	34.9%	86%	-	14%
Paper	28.7%	95%	5%	-
Glass	7.3%	-	-	100%
Aluminum	4.1%	86%	-	14%





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Copper	1.8%	86%	-	14%
Other material	1.4%	-	-	100%
Other metal	0.2%	-	-	100%

LCA Rules

Functional Unit

The functional unit is defined as one unit of 27-inch LCD monitor.

System Boundary

The system boundary includes all life cycle stages includes Collecting Raw Materials, Manufacturing, Distribution, Use and Disposal. This is a cradle-to-grave study and this LCA study is not comparative assertion.

Table 8: System Boundary

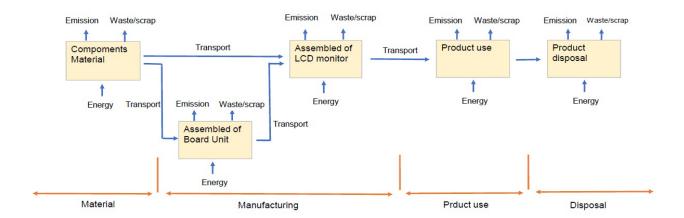
Stage Prior to Manufacturing	Collecting Raw Materials	A1	Х
Stage of Manufacturing	Manufacturing	A2	Х
	Distribution	A3	X
Stage of Use	Use	В	Х
Stage of Scrapping Disposal		С	Х





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Cut-off Rules

Material Inventory survey was conducted on 95 wt. % of material in each Product / Package.Disposal stage survey was conducted on 95 wt. % of material in each Product / Package.

LCA Data

For Life Cycle Assessment, SimaPro release 9 software system has been used. Ecoinvent 3 datasets have been taken from SimaPro release 9 software database.

EIZO collects

- Material data from the product specification
- Usage codition data from the product specification
- Transportation data from carrier's input
- Energy data from the utility invoice





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Data Quality

All foreground data were collected at Hakusan and Hakui Plant Between April 2021 and March 2022 (One year average data).

Background data were used from ECOINVENT 3 database (The data version is 2020).

Allocation

The electric power used in the factory for manufacturing an EV2781 was calculated by allocating EV2781 weight from the total weight of the monitor produced in one year (monitor mass x number of production) of this factory.

The electric power used in the PCB board factory for manufacturing an EV2781 PCB board was allocated from the production ratio of small, medium, and large monitors for one year and its representative mass of the PCB board.

Assumption and Limitation

Assumption

The on-mode power consumption when using this monitor was used the power consumption value of EIZO's Typical Power Consumption specifications.

For transportation, EIZO picked up four major cities, Tokyo, Osaka, Nagoya and Fukuoka.

Glass and other materials/metals were assumed to be 100% landfilled.

Limitation

The study results are limited to a specific use scenario and real-world use of the monitor which may significantly change the result. Materials are represented by industry average data, not primary supplier data. To the extent that material/components suppliers may not be average, the results might significantly change.





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Life Cycle Assessment Results

The LCA was calculated by using CML and developed by the Institute of Environmental Sciences Leiden University, the Netherlands. https://www.universiteitleiden.nl/en/science/environmental-sciences/tools-and-data#CML_IA

LCIA results are relative expressions and do not predict impacts on category endpoints, the exceeding of thresholds, safety margins or risks.

Table 9: Life Cycle Assessment Results

Environment Impact								
Impact Category	Units	A1-C	Model					
Global warming (GWP)	kg-CO ₂ eq	4.26E+02	IPCC					
Ozone depletion (ODP)	kg-CFC-11eq	2.15E-05	WMO					
Eutrophication (EP)	kgPO ₄ ³-eq	1.47E+00	Heijungs et al.					
Acidification potential (AP)	kg-SO ₂ eq	3.50E+00	Hauschild and Wenzel					
Photo Chemical Ozone Creation (POCP)	kg-C₂H₄eq	1.50E-01	Jenkin and Hayman					
Abiotic Depletion Potential (ADP)	Kg-Sbeq	3.23E+00	Guinee et al.					

Impact Category	Units	Raw Material A-1	Manufacturing A-2	Transportation A-3	Use B	Disposal C
GWP	kg-CO₂eq	2.62E+02	2.90E+00	2.83E+00	1.57E+02	1.65E+00
ODP	kg-CFC-11eq	1.79E-05	5.06E-08	4.19E-07	3.04E-06	6.02E-08
EP	kgPO ₄ ³-eq	1.31E+00	2.70E-03	1.62E-03	1.56E-01	1.02E-03
AP	kg-SO₂eq	2.75E+00	1.29E-02	7.35E-03	7.24E-01	1.69E-03
POCP	kg-C₂H₄eq	1.19E-01	5.35E-04	3.64E-04	3.00E-02	7.08E-05
ADP	Kg-Sbeq	2.06E+00	2.09E-02	2.02E-02	1.13E+00	3.04E-03





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Interpretation

Completeness

Since we have made a 5% cut-off, the raw material should be an additional 5%. In the GWP impact index, Row material accounts for 61.5 % of total emissions. Therefore, the total impact will increase by 3.1 %.

The 5% cut off materials are small parts, sheets and labels made of general plastics, and copper harnesses, paper prints, metal, screws, etc and the same raw materials are also included in another 95% materials.

The 5% materials do not include anything that has a major impact on the environment.

Sensitivity

When the brightness of On-mode, which may vary as data, is doubled, it will increase by 17 W in actual measurement.

When On-mode increases by 17 W, Total Power Consumption increases from 253.2 kWh to 501.1 kWh. This corresponds to an increase of 153.4 kg in CO2 emissions. In the GWP impact, Total Power Consumption (use phase) accounts for 36.8 % of the total, so the total GWP impact increases by 36.0 %.

Consistency

The impact index of the LCD panel accounts for 71.7 % of the raw material, and 44.1 % of the total life cycle impact index. If the impact index of the LCD panel increases by 10% due to errors, the total impact will increase by 4.0 %. This corresponds to an increase of 18.8 kg in CO2 emissions.

Representativeness

The materials and processes of this product are very common. So, most of selected data represents this model well. However, there are several kinds of cables/connectors in this product and we used only the below three data. These cables/connectors consist of 2.5 % total product weight. This might have some small variances.

- Cable, three-conductor cable
- Electric connector, wire clamp
- Electric connector, peripheral type buss

There is a stand-free version as another form of EV2781. In the case of the version without stand, the impact index for the no stand is reduced.

From the GWP impact, CO2 emissions from the stand are 3.3 % of the raw material, which is 8.8 kg. The total impact without a stand is only decrease of 2.1 %, and it can be considered that the standard product with stand can be regarded as representative data.





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According to ISO 14025

References

ISO 14025/DIN EN /ISO 14025:201110: Environmental labels and declarations - Type III environmental declarations - Principles and procedures

ISO 14040: 2006 - Environmental management - Life cycle assessment - Principles and framework

ISO 14044:2006 - Environmental management - Life cycle assessment - Requirements and guidelines

EPD 004: Monitor [2013/00/201309], Product Category Rules (PCR) for Monitor

SimaPro 9.0 / Ecoinvent 3:

CML 2001 (all impact categories) V2.05 / the Netherlands, 1997

