Product Environmental Aspects Declaration



EP and IJ printer (PCR-ID:AD-04)

No. AD-15-E584 Date of publication Apr./16/2015



Environment Contact: RICOH Company, Ltd.

Corporate Communication Center

email: envinfo@ricoh.co.jp

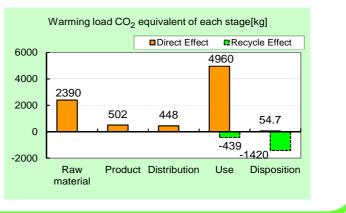
SAVIN Pro C7110SX Pro80

 Printing Process : Electrophotographic (EP) Printing
Color : Monochrome and Full-color
Print Speed : 90 prints/minute (LTR)
Maximum Paper Size : 13" x 49" (bypass tray or LCIT)
Included Units in Assessment : Automatic Reversing Document Feeder, Automatic Duplexing Unit

The warming load of the Use stage is based on the supposition that the product prints 4,838,400 images for five years.

Consumption and discharge in a	All the stage sum
life cycle	totals
Global Warming (CO ₂	8.36t
equivalent)	(6.49t)
Acidification (SO ₂	14.0kg
equivalent)	(11.0kg)
Energy resources (crude oil	164GJ
equivalent)	(131GJ)

% Figures in () indicated environmental impact including recycle effect *note3



Notes:

- 1. Original LCA data is available on PEIDS: Product Environmental Information Declaration Sheet, and Product Data Sheet.
- 2. Unified rules and requirements for EcoLeaf LCA, for intended product category, are available as a PCR: Product Category Rule. Visit EcoLeaf website under JEMAI homepage at http://www.ecoleaf-jemai.jp/eng/ for details.
- 3. Recycle Effect illustrates an indirect influence to other products/services.
- 4. Basic Units used for calculations are based on Japan domestic data at this time, due to a lack of base data to establish localized Basic Unit for overseas locations adequately.
- 5. This declaration was produced using Product Category Rule intended for a product model sold in the Japanese market and using the qualitative and quantitative data collected in Japan.

[Supplemental environmental information]

• Certified regulations: International Energy Star Program, EU RoHS.

• This product and its main components such as photoreceptor, toner, carrier are produced in our factories certified to ISO14001 management system standard.

PCR review was conducted by: PCR Deliberation Committee, January 01, 2008, Name of reprentative: Youji Uchiyama, University of Tsukuba, Graduate School

Programme operator: Japan Environmental Management Association for Industry, ecoleaf@jemai.or.jp

* In the case of an business entity certified as an Ecoleaf-data-collection system, the names of certification auditors are written.

The EcoLeaf is an environmental labeling program that belongs to the ISO-Type II category.

Document control no.

Product Environmental Information Data Sheet (PEIDS)

Unit Function DB version V2.1

F-02B-03



				020 00				۷۷.۱		波吅環境情報 http://www.jemai.or.jp
	Produ	uct vendor	RICOH C	OMPAN	IY, LTD.	Characterizatio	on Factor DB version	v2.1		http://www.jeinal.or.jp
E	coLeaf r	egistration no	D. AD	-15-E58	34					
	PC	R name	EP an	d IJ pri	nter	Product type		SAVIN Pro C	7110SX Pro80	
			AD-04		Product weight (kg)	604	Package (kg)	57	Weight total (kg)	661
_	-		AD-04		Product weight (kg)	004	Fackage (kg)	57	Weight total (kg)	001
			Life Cycle Stage	11-34	Prod	uction	Distribution	Line	Disassitisa	Desuels offere
n/Ou	ut items			Unit	Raw material	Product	Distribution	Use	Disposition	Recycle effect
Inol	army Consumption			MJ	3.63E+04	9.36E+03	6.19E+03	1.12E+05	5.38E+01	-3.25E+04
_ne	nergy Consumption			Mcal	8.66E+03	2.24E+03	1.48E+03	2.68E+04	1.29E+01	-7.76E+03
			Coal	kg	5.46E+02	6.25E+01	4.96E+00	3.68E+02	3.24E-01	-4.76E+02
		Energy	Crude oil (for fuel)	kg	2.43E+02	7.09E+01	1.26E+02	9.96E+02	5.77E-01	-1.33E+02
			LNG	kg	6.21E+01	3.51E+01	4.27E+00	3.56E+02	1.67E-01	-2.68E+01
			Uranium content of an ore	kg	3.75E-03	4.23E-03	3.25E-04	2.11E-02	2.19E-05	3.09E-04
			Crude oil (for material)	kg	7.33E+01	0	0	4.06E+02	0	-2.25E+02
			Iron content of an ore	kg	4.67E+02	0	0	6.18E+01	0	-4.94E+02
			Cu content of an ore	kg	6.24E+00	0	0	4.22E-02	0	-7.45E+00
	<u>د</u>		Al content of an ore	kg	3.48E+01	0	0	2.25E+00	0	-3.46E+01
	Resource Consumption from the environment	Exhaustible resources	Ni content of an ore	kg	2.52E+00	0	0	2.57E-01	0	-1.00E-02
	ronr		Cr content of an ore	kg	3.57E+00	0	0	3.69E-01	0	-1.83E-01
	Con	Exha	Mn content of an ore	kg	2.88E+00	0	0	3.69E-01	0	-4.28E-01
	the	Material	Pb content of an ore	kg	6.39E-01	0	0	7.50E-03	0	-6.06E-01
	nosa		Sn content of an ore	kg	0	0	0	0	0	0
	fr		Zn content of an ore	kg	5.96E+00	0	0	1.00E-01	0	-5.95E+00
			Au content of an ore	kg	0	0	0	0	0	0
			Ag content of an ore	kg		0	0		0	
			Silica Sand	kg	2.32E+01	0	0	2.53E+00	0	-1.16E+01
ses			Halite	kg	5.02E+01	0	0	8.66E+00	6.54E-03	-5.29E+00
naly			Limestone	kg	9.56E+01	0	0	1.50E+01	5.33E-01	-8.54E+01
Inventory analyses			Natural soda ash	kg	6.51E-01 9.04E+01	0	0	2.06E-01 3.07E+02	0	-7.25E-01
ento		Renewable resources	Wood	kg	9.04E+01 1.42E+05	4.89E+04	0 3.64E+03	3.07E+02 4.38E+05	0 2.79E+02	0.00E+00
Nu		resources	Water CO ₂	kg		4.99E+04 4.96E+02	4.30E+02		5.47E+02	-6.57E+04
			SO _x	kg	2.34E+03			4.75E+03		-1.81E+03
			NO _x	kg	2.44E+00	3.71E-01	2.73E-01	2.76E+00	2.86E-02	-1.76E+00
				kg	2.73E+00	3.10E-01	1.97E+00	6.50E+00	6.05E-02	-1.67E+00
		to Atmosphere CH ₄		kg	1.75E-01	1.84E-02	6.51E-02	7.88E-01	7.21E-05	-1.80E-01
		to Atmosphere	CO	kg	9.32E-03	1.13E-02	8.70E-04 5.33E-01	5.63E-02 9.53E-01	5.87E-05 1.07E-02	1.47E-03 -1.17E-01
			NMVOC	kg	5.67E-01	7.36E-02 2.22E-02				
	arge ient		C _x H _v	kg	1.83E-02 8.29E-02	3.24E-02	1.70E-03 5.76E-02	1.10E-01 2.39E-01	1.15E-04 1.84E-04	2.86E-03 -7.22E-02
	Emission/Discharge to the environment		Dust	kg kg	3.70E-01	1.59E-02	1.86E-01	5.27E-01	3.37E-03	-7.22E-02 -3.14E-01
	i Qi		BOD	<u> </u>	3.70E-01	1.59E-02	1.00E-01	5.27E-01	3.37E-03	-3.14E-01
	ssio Je e		COD	kg kg	-	-	-		-	
	to ti tu	to Water system	N total	kg kg	-	-	-		-	
		to water system	P total	kg						
			SS	kg	-	-	-	-	-	-
		-	Unspecified Solid Waste	kg	1.72E+01	0	0	9.56E+01	5.85E+01	-9.37E+00
			Slag	kg	1.67E+02	0	0	1.90E+01	0	-1.56E+02
		to Soil system	Sludge	kg	7.46E+01	0	0	4.83E+00	0	-7.42E+01
			Low level radio-active waste	kg kg	2.63E-03	2.95E-03	2.27E-04	1.47E-02	1.53E-05	2.17E-04
_	e c		Energy resources (crude oil							
÷	ptio	Exhaustible	equivalent)	kg	6.99E+02	1.88E+02	1.37E+02	1.83E+03	1.17E+00	-4.68E+02
essmer	by Resource Consumption	resources	Mineral resources (Iron ore equivalent)	kg	4.78E+03	0	0	5.28E+02	0	-2.96E+03
Impact assessment	ssion/ rge to		Global Warming (CO ₂	kg	2.39E+03	5.02E+02	4.48E+02	4.96E+03	5.47E+01	-1.86E+03
gml	by Emission/ Discharge to the environment	to Atmosphere	Acidification (SO ₂ equivalent)	kg	4.35E+00	5.88E-01	1.65E+00	7.31E+00	7.09E-02	-2.93E+00

[Notes for readers: EcoLeaf common rules]

Induce to reduce control common race,
I. Stage related
A. "Production" stage is intended for two sub-stages listed below.
(1) "Raw material" production: consists of mining, transportation and raw material production.
(2) "Product" product: consists of the parts processing, assembly and installation.
B. "Distribution" stage is intended for transportation of produced product. Transportation of consumables and maintenance goods (e.g. replacement parts) for use of the product are included into "Use" stage.

C. "Use" stage is intended for use of the product (active mode, standby mode, etc.) and production, transportation to disposal/recycle of consumables/maintenance goods (e.g. replacement parts).

D. *Disposition/Recycle* stage is intended for environmental impacts by product disposition/recycle, and deduction by recycling (e.g. impact reduction of raw material production).

E. "Recycle Effect" illustrates an indirect environmental influences to other products/services by use of reclaimed materials/parts, and/or by supply of used products to other businesses for material reclaim/parts

Case 2: Supply of used products to other businesses for material reclaim/parts reuse: Sum of increase of environmental impact by collection activities of used materials/parts, and decrease by volume reduction of used materials/parts. Case 2: Supply of used products to other businesses for material reclaim/parts reuse: Sum of increase of environmental impact by materials/parts reclaiming process, and decrease by volume reduction of new materials/parts production.

II. Inventory analyses A. Data of mineral ore on "Exhaustible resources" are presented in weight of pure ingredients (e.g. iron. aluminum) in the ore. B. Data on energy resources are presented based on origin in calorific value. e.g. Data on uranium ore presents weight of uranium concentrate, which is available for use as an atomic fuel. C. Data of discharge to water system are in actual figure (not calculated using unit function in inventory analyses).

Il Impact analyses Result of the "Impact analyses" is found in converting results of inventory analyses into total amount of a reference material (e.g. CO₂ in case of "Global Warming"). A. Impact "by resource consumption" represents magnitude of impacts to resource depletion. B. Impact "by emission/discharge to environment" represents magnitude of impacts to Atmosphere, Water and Soil system.

IV Data entry format

V use entry format A. Exponential notation, after the decimal point to two, should be used. B. Indicate "o" instead exponential notation, if the result of calculation or estimation is considered as "zero" or negligible in comparison to related results. C. Indicate "-" if calculation nor estimation can not be done, in order to differentiate to indicate "zero", or negligible in comparison to related results. (BGD for material production are for production from mineral ore. Those data do not include reclaiming processes like recovery from scrap.)

[Notes for readers: Target product specific]

This declaration was produced using Product Category Rule intended for a product model sold in the Japanese market and using the qualitative and quantitative data collected in Japan.

Product data sheet

(Input data and parameters for LCA)



	(input data and param
Document control no.	F-03-03
Product vendor	RICOH COMPANY, LTD.
EcoLEaf registration no.	AD-15-E584

	name EP and IJ printer (PCR-ID : AD-04)			Product t	ype			SAVIN Pro C7110SX Pro80				
CA/LCIA in units of:		1 p	product	Product weig	ight (kg) 604 Pack		kage (kg)	57	Weight total (kg)	661		
oduct information (per unit): parts e	etc. by r	material and by process/as	sembly me	thod							
Breakdown of primary materials Math breakdown of parts, which need to apply Processing / Assembly Ba											nits (Parts B, C)	
Material n	ame Weig	ght (kg)	Material name	Weight (kg)	P	Process name		Weight (kg) Pi	rocess name	Weight (kg)	
Stainless s	steel 1.59	9E+01	Electronic circuit board	6.94E+00	Press molding: Iron (kg)		4.59E+02	Parts	s assembly (kg)	6.00E+02		
Aluminu	m 3.29	9E+01	Ordinary steel	4.44E+02	Press molding: Nonferrous metal (kg)		5.23E+01					
Glass	6.36	6E+00	Clean water	7.43E+00	Injection molding (kg)		7.57E+01					
Rubbe	r 3.09	9E+00			Glass molding (kg)		9.46E+00					
	tals 1.94	4E+01										
Paper	4.19	9E+01										
Thermoplast	ic resin 7.83	3E+01										
Thermosettin	g resin 5.18	8E+00										
Subtota	al 2.03	3E+02	Subtotal	4.58E+02								
	Total					Subtotal		5.96E+02		Subtotal	6.00E+02	
	Material n Material n Stainless Aluminu Glass Rubbe Other me Paper Thermoplasti Thermosettin Subtota	Oduct information (per unit): parts Breakdd Material name Wei Stainless steel 1.5 Aluminum 3.2 Glass 6.3 Rubber 3.0 Other metals 1.9 Paper 4.1 Thermoplastic resin 7.8 Thermosetting resin 5.1 Subtotal 2.0	Aluminum 3.29E+01 Glass 6.36E+00 Rubber 3.09E+01 Other metals 1.94E+01 Paper 4.19E+01 Thermoplastic resin 7.83E+01 Thermosetting resin 5.18E+00 Subtotal 2.03E+02	Breakdown of primary materials and by process/as Breakdown of primary materials Material name Weight (kg) Material name Stainless steel 1.59E+01 Electronic circuit board Aluminum 3.29E+01 Ordinary steel Glass 6.36E+00 Clean water Rubber 3.09E+00 Other metals Other metals 1.94E+01 Paper Thermoplastic resin 7.83E+01 Thermosetting resin Subtotal 2.03E+02 Subtotal	Oduct information (per unit): parts etc. by material and by process/assembly me Breakdown of primary materials Material name Weight (kg) Material name Weight (kg) Stainless steel 1.59E+01 Electronic circuit board 6.94E+00 Aluminum 3.29E+01 Ordinary steel 4.44E+02 Glass 6.36E+00 Clean water 7.43E+00 Rubber 3.09E+00 0 0 Other metals 1.94E+01 1 1 Paper 4.19E+01 1 1 Thermoplastic resin 7.83E+00 1 1 Subtotal 2.03E+02 Subtotal 4.58E+02	Oduct information (per unit): parts etc. by material and by process/assembly method Breakdown of primary materials Math br Material name Weight (kg) Material name Weight (kg) P Aluminum 3.29E+01 Clean water 7.43E+00 P Aluminum 3.29E+01 Ordinary steel 4.44E+02 P Aluminum 3.29E+01 Ordinary steel 4.44E+02 P Aluminum 3.29E+01 Ordinary steel 4.44E+02 P Rubber 3.09E+00 Clean water 7.43E+00 Inject Paper 4.19E+01 Glass 6.36E+00 Glass Other metals 1.94E+01 Inject Paper 4.19E+01 Inject Thermoplastic resin 7.83E+00 Inject Subtotal	Oduct information (per unit): parts etc. by material and by process/assembly method Breakdown of primary materials Math breakdown of primary materials Material name Weight (kg) Material name Weight (kg) Process na Stainless steel 1.59E+01 Electronic circuit board 6.94E+00 Press moldi lron (kg) Aluminum 3.29E+01 Ordinary steel 4.44E+02 Press moldi Nonferrous me Glass 6.36E+00 Clean water 7.43E+00 Injection moldin Rubber 3.09E+00 Glass molding Glass molding Other metals 1.94E+01 Glass molding Glass molding Thermoplastic resin 7.83E+01 Thermosetting resin 5.18E+00 Subtotal 2.03E+02 Subtotal 4.58E+02	Oduct information (per unit): parts etc. by material and by process/assembly method Breakdown of primary materials Math breakdown of parts, whether is a state of primary material is in the process/assembly method Material name Weight (kg) Material name Weight (kg) Process name Stainless steel 1.59E+01 Electronic circuit board 6.94E+00 Press molding: lron (kg) Aluminum 3.29E+01 Ordinary steel 4.44E+02 Press molding: Nonferrous metal (kg) Glass 6.36E+00 Clean water 7.43E+00 Injection molding (kg) Quere training 1.94E+01 Glass molding (kg) Glass molding (kg) Other metals 1.94E+01 Glass molding (kg) Glass molding (kg) Thermoplastic resin 7.83E+01 Glass Glass molding (kg) Thermosetting resin 5.18E+00 Glass Glass Subtotal 2.03E+02 Subtotal 4.58E+02	Oduct information (per unit): parts etc. by material and by process/assembly method Breakdown of primary materials Math breakdown of parts, which need to apply Material name Weight (kg) Material name Weight (kg) Process name Weight (kg) Stainless steel 1.59E+01 Electronic circuit board 6.94E+00 Press molding: Iron (kg) 4.59E+02 Aluminum 3.29E+01 Ordinary steel 4.44E+02 Press molding: Nonferrous metal (kg) 5.23E+01 Glass 6.36E+00 Clean water 7.43E+00 Injection molding (kg) 7.57E+01 Rubber 3.09E+00 Glass molding (kg) 9.46E+00 Press molding (kg) 9.46E+00 Other metals 1.94E+01 Glass molding (kg) 9.46E+00 Glass molding (kg) 9.46E+00 Paper 4.19E+01 Glass molding (kg) 9.46E+00 Glass molding (kg) 9.46E+00 Glass molding (kg) 9.46E+00 Thermoplastic resin 7.83E+01 Glass Glass	Oduct information (per unit): parts etc. by material and by process/assembly method Breakdown of primary materials Math breakdown of parts, which need to apply Processia Material name Weight (kg) Material name Weight (kg) Process name Weight (kg) Process name Stainless steel 1.59E+01 Electronic circuit board 6.94E+00 Press molding: Iron (kg) 4.59E+02 Parts Aluminum 3.29E+01 Ordinary steel 4.44E+02 Press molding: Nonferrous metal (kg) 5.23E+01 Press molding: Nonferrous metal (kg) 7.57E+01 Glass 6.36E+00 Clean water 7.43E+00 Injection molding (kg) 7.57E+01 Rubber 3.09E+00 Glass molding (kg) 9.46E+00 Press molding (kg) 9.46E+00 Other metals 1.94E+01 Insection Insection Insection Insection Paper 4.19E+01 Insection Insection Insection Insection Insection Thermoplastic resin 7.83E+01 Insection Insection Insection Insection Insection	Oduct information (per unit): parts etc. by material and by process/assembly method Breakdown of primary materials Math breakdown of parts, which need to apply Processing / Assembly Base Urice Material name Weight (kg) Material name Weight (kg) Process name Weight (kg) Process name Stainless steel 1.59E+01 Electronic circuit board 6.94E+00 Press molding: Iron (kg) 4.59E+02 Parts assembly (kg) Aluminum 3.29E+01 Ordinary steel 4.44E+02 Press molding: Nonferrous metal (kg) 5.23E+01 Parts assembly (kg) Glass 6.36E+00 Clean water 7.43E+00 Injection molding (kg) 7.57E+01 Rubber 3.09E+00 Glass molding (kg) 9.46E+00 Injection molding (kg) 9.46E+00 Other metals 1.94E+01 Injection molding (kg) 9.46E+00 Injection Injection molding (kg) 1.57E+01 Thermoplastic resin 7.83E+01 Injection Injection Injection Injection Thermoplastic resin 5.18E+00 Injection Injection Injection Injection Injection Subtotal 2.03E+02 Subtotal<	

Note

2. Production site information (per unit): Consumption and discharge/emission for production/processing/assembly within the site.

SOx and NOx should be indicated in SO₂, NO₂ equivalent.

ы	Classification	Energy	Material	Energy	Material	Energy		
umption	Distribution	Distribution Electricity (kWh)	ectricity (kWh) Clean water (kg) F	Furnace LNG (kg)	Industrial water	Furnace urban		
ung I				. amaco 2.100 (.1.g)	(kg)	gas (13A) (m ³)		
onst	Quantity	2.92E+02	2.95E+02	1.56E+00	1.21E+03	2.88E+00		
U U	Note							
	Classification	Water system						
Emission/ Discharge	Distribution	Sewage processing (kg)						
Dis	Quantity	1.51E+03						
	Note							
Note								

3. Distribution stage information (per unit): means, distance, loading ratio, consumptions and emissions/discharges.

	Means of transportation	Diesel truck: 10 ton (kg·km)	Freight by ship (kg∙km)	Freight by ship (kg∙km)	Freight by ship (kg · km)	Freight by ship (kg · km)			
Distribution	Conditions	Mass(kg)	Distance (km)	Loading Ratio(%w)	Load(kg·km)	Mass(kg)	Distance (km)	Loading Ratio(%w)	Load(kg·km)
	Quantity	6.61E+02	1.52E+02	5.29E+01	1.90E+05	6.61E+02	9.02E+03	1.00E+02	5.96E+06
	Note								
	Means of transportation	Freight by rail (kg · km)	Diesel truck: 20 ton (kg·km)						
	Conditions	Mass(kg)	Distance (km)	Loading Ratio(%w)	Load(kg·km)	Mass(kg)	Distance (km)	Loading Ratio(%w)	Load(kg·km)
	Quantity	6.61E+02	4.99E+03	1.00E+02	3.30E+06	6.61E+02	6.00E+02	3.62E+01	1.10E+06
	Note								

Note

4. Use stage (per unit): use condition (mode, term) including active mode, standby mode and maintenance.

4.1 Product and accessories subject to this analysis

	Classification	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption
	Distribution	Stainless steel plate (kg)	Aluminum plate (kg)	Glass (kg)	Styrene- butadiene rubber (SBR) (kg)	Copper plate (kg)	Zinc (kg)	Corrugated cardboard (kg)	Paper (Western style) (kg)
	Quantity	1.62E+00	2.13E+00	2.46E+00	2.51E+00	1.40E-01	5.56E-02	1.44E+02	4.20E-03
	Note								
	Classification	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption
Product	Distribution	ABS (kg)	Polycarbonate (kg)	Polycarbonate- ABS (70/30) (kg)	High density polyethylene (kg)	Low density polyethylene (kg)	PET (kg)	POM (polyacetal) (kg)	Polypropylene (kg)
-	Quantity	4.59E+00	1.34E+00	4.80E+00	7.11E+01	2.58E+01	3.75E+02	7.46E+00	3.38E-01
	Note								
	Classification	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption
	Distribution	Polystyrene (kg)	Epoxy resin (EP) (kg)	Expandable hard polyurethane (Hard) (kg)	Expandable soft polyurethane (for automobile) (kg)	Electroplated steel Plate (kg)	Hot Dipped steel plate (kg)	Cold-Rolled steel plate (kg)	Press molding: Iron (kg)
	Quantity	4.42E+01	2.69E-02	1.90E-01	4.89E-01	2.03E+00	7.94E-01	5.63E+01	4.96E+01
	Note								

	Classification	Condition	Consumption	Consumption	Consumption	Consumption	Energy	Condition	Energy
	Distribution	Diesel truck: 10 ton (kg∙km)	Press molding: Nonferrous metal (kg)	Injection molding (kg)	Glass molding (kg)	Parts assembly (kg)	Electricity (kWh)	Freight by ship (kg · km)	Furnace LNG (kg)
	Quantity	9.75E+04	2.33E+00	1.63E+02	4.96E+00	2.19E+02	1.57E+03	4.66E+06	7.50E+01
	Note								
	Classification	Energy	Material	Water system	Consumption	Consumption	Condition	Condition	Condition
Product	Distribution	Furnace urban gas (13A) (m ³)	Industrial water (kg)	Sewage processing (kg)	Electricity (kWh)	Gasoline (kg)	Freight by rail (kg · km)	Diesel truck: 20 ton (kg·km)	Diesel truck: 10 ton (kg·km)
_	Quantity	7.66E+01	4.11E+02	4.11E+02	3.03E+03	8.80E+00	2.58E+06	5.00E+05	2.11E+03
	Note								
	Classification	Condition	Condition	Condition	Condition	Condition	Condition	Condition	
	Distribution	Freight by ship (kg · km)	Freight by rail (kg∙km)	Diesel truck: 20 ton (kg·km)	Diesel truck: 10 ton (kg∙km)	Freight by ship (kg∙km)	Freight by rail (kg∙km)	Diesel truck: 20 ton (kg·km)	
	Quantity	1.01E+05	5.57E+04	1.08E+04	5.38E+04	1.98E+06	1.09E+06	2.12E+05	
	Note								

Note

4.2 Disposition/Recycle information on consumables and replacement parts

	Classification	Process	Process	Process	Process	Process	Process	Process	Process
	Distribution	Diesel truck: 4 ton (kg∙km)	Landfill: Industrial waste (kg)	Incineration to landfill (as ash) (kg)	Shredding (kg)	Sorting: Iron (by magnetic force) (kg)	Sorting: Nonferrous metal (by eddy current with wind force) (kg)	Sorting: Plastics (by relative density difference in water) (kg)	Recycle: to Glass (kg)
	Quantity	1.39E+04	6.03E+01	1.44E+02	2.68E+02	2.65E+02	2.18E+02	2.16E+02	2.46E+00
	Note								
les	Classification	Process	Process	Process	Process	Deduction	Deduction	Deduction	Deduction
Consumables	Distribution	Recycle: to cold-rolled steel (kg)	Recycle: to Aluminum plate (kg)	Recycle: to copper plate (kg)	Recycle: to Thermoplastic pellet (kg)	Glass (kg)	Cold-Rolled steel plate (kg)	Aluminum plate (kg)	Copper plate (kg)
Ŭ	Quantity	4.76E+01	2.05E+00	1.88E-01	1.55E+02	2.41E+00	4.76E+01	2.05E+00	1.88E-01
	Note								
	Classification	Deduction	Process						
	Distribution	Polystyrene (kg)	Diesel truck: 10 ton (kg·km)						
	Quantity	1.55E+02	2.14E+05						
	Note								

Note

5. Disposition/Recycle stage information (per product): process method and scenarios

	Classification	Process	Process	Process	Process	Process	Process	Deduction	Process
	Distribution	Landfill: Industrial waste (kg)	Shredding (kg)	Incineration: Industrial waste (kg)	Incineration to landfill (as ash) (kg)	Diesel truck: 10 ton (kg ⋅ km)	Diesel truck: 4 ton (kg∙km)	High density polyethylene (kg)	Sorting: Iron (by magnetic force) (kg)
	Quantity	5.24E+01	6.14E+02	4.32E-01	3.98E+01	4.91E+05	3.85E+03	1.23E+00	6.06E+02
	Note								
	Classification	Process	Process	Process	Process	Process	Process	Process	Deduction
Scenario	Distribution	Sorting: Nonferrous metal (by eddy current with wind force) (kg)	Sorting: Plastics (by relative density difference in water) (kg)	Recycle: to Glass (kg)	Recycle: to cold-rolled steel (kg)	Recycle: to Aluminum plate (kg)	Recycle: to copper plate (kg)	Recycle: to Thermoplastic pellet (kg)	Glass (kg)
	Quantity	1.77E+02	1.28E+02	6.36E+00	4.28E+02	3.07E+01	2.45E+01	7.09E+01	6.24E+00
	Note								
	Classification	Deduction	Deduction	Deduction	Deduction				
	Distribution	Cold-Rolled steel plate (kg)	Aluminum plate (kg)	Copper plate (kg)	Polystyrene (kg)				
	Quantity	4.28E+02	3.07E+01	2.45E+01	6.97E+01				
	Note								

Note

6. Others

This declaration was produced using Product Category Rule intended for a product model sold in the Japanese market and using the qualitative and quantitative data collected in Japan.