# Product Environmental Aspects Declaration

Facsimile (PCR number: AH-03)



## http://www.brother.co.jp/

For inquiry: Environmental Product Group Environmental Management Dept. Brother Industries, Ltd. Tel: +81-52-824-2406 FAX: +81-52-824-5667



http://www.iemai.or.i

No. AH-11-126 Date of publication Sep./6/2011

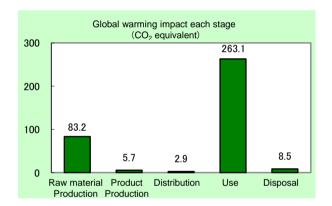
# Laser Multi-Function Center FAX-2810N Specifications:

- Electrophotographic Dry Process
- Business Use
- Recording Paper Size: A4 (Max. 210 x 297mm)
- Original Sheet Size: Max-width 257mm
- Modem Speed: 33,600 bps (Automatic switchover)

The following data is calculated by assuming the product sends and receives both 48,000 sheets in 5-year usage period. < Main environmental impact in the product lifecycle >

- - 6,910MJ Energy consumption Global warming impact (CO2 equivalent)
- . Acidification impact (SO<sub>2</sub> equivalent)

363.5kg 0.502kg



Electric power consumption in 5 years of "Use stage" is 399kWh.

The above data does not include the environmental impact of the paper that is used for printing.

## 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.jemai.or.jp/ecoleaf\_e/ for details.
- 3. The units used for EcoLeaf calculations are based on Japanese domestic data. Overseas data has not been applied.

## [Supplemental environmental information]

- The product assembly and main parts of toner and photoreceptor are produced at plants certified with ISO 14001.
- The product conforms to the International Energy Star Program.
- The product has obtained the ECO Mark certification (3R & Energy-Saving Design).

PCR review was conducted by: PCR Deliberation Committee, September 29, 2004, Name of representative: Yohji Uchiyama, University of Tsukuba, Graduate School Independent verification of the label and data, according to ISO 14025 🗌 internal 🔳 external Third party verifier \*: System auditor, Shozo Nakamuta

Program operator: Japan Environmental Management Association for Industry Email: ecoleaf@jemai.or.jp

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

Document control no.

## Product Environmental Information Data Sheet (PEIDS)

E-024s-02



Product vendor						245-02		http://www.jemai.or.jp			
				Bro		dustries,LTD.		Unit F	unction DB version	v2.1	
EcoL	eaf reg	istratio	on no.		AH-	11-126		Characterization Factor DB version v2.1			
								onardotonization			
	PCR name Facs						Product type		FAX-2	2810N	
	PCR code AH-03					Product weight (kg)	8.80	Package (kg)	2.27	Weight total (kg)	11.1
		couc		Airos		F TOddet weight (kg)	0.00	Fackage (kg)	2.21	weight total (kg)	11.1
				Life Cycle Stage	Unit		uction	Distribution	Use	Disposal	Total
in/Out	t items					Raw material	Product	0.005+01	E 00E 100	9.78E+00	6.91E+03
		Energ	y Cons	umption	MJ Mcal	1.50E+03 3.57E+02	1.07E+02 2.55E+01	3.88E+01 9.26E+00	5.26E+03 1.26E+03	9.78E+00 2.34E+00	1.65E+03
			S	Coal	kg	8.20E+00	7.01E-01	9.05E-05	2.90E+01	5.81E-02	3.79E+01
			Energy resources	Crude oil (for fuel)	kg	1.58E+01	8.49E-01	8.47E-01	3.90E+01	1.06E-01	5.66E+01
			sou	LNG	kg	3.34E+00	3.52E-01	1.31E-02	1.32E+01	2.99E-02	1.69E+01
			шё	Uranium content of an ore	kg	3.58E-04	4.74E-05	6.14E-09	1.67E-03	3.93E-06	2.08E-03
				Crude oil (for material)	kg	4.71E+00	2.21E-03	0	7.62E+00	0	1.23E+01
				Iron content of an ore	kg	3.01E+00	0	0	4.85E+00	0	7.86E+00
		Sec		Cu content of an ore	kg	2.46E-01	0	0	5.43E-04	0	2.47E-01
	e	onre		Al content of an ore	kg	2.11E-01	0	0	1.39E-01	0	3.51E-01
	Impact by Resource Consumption	Exhaustible resources	Ś	Ni content of an ore	kg	1.20E-02	0	0	1.90E-02	0	3.10E-02
	act by Resou Consumption	e	rce	Cr content of an ore	kg	1.72E-02	0	0	2.73E-02	0	4.45E-02
	R R	tibl	nos	Mn content of an ore	kg	3.28E-02	0	0	2.87E-02	0	6.15E-02
	t by nst	SUE	res	Pb content of an ore	kg	1.39E-02	0	0	4.41E-05	0	1.39E-02
	Co	xha	a	Sn content of an ore	kg	-	-	-	-	-	1.075.01
	ď	ш	Mineral resources	Zn content of an ore	kg	1.37E-01	0	0	4.33E-04	0	1.37E-01
	_		Σ	Au content of an ore Ag content of an ore	kg kg			_			
				Silica Sand	kg	3.62E-01	0	0	5.70E-02	0	4.19E-01
S				Halite	kg	1.88E+00	2.66E-05	0	3.33E+00	3.82E-03	5.22E+00
/se				Limestone	kg	9.12E-01	1.73E-03	0	2.40E+00	7.90E-02	3.39E+00
ai				Natural soda ash	kg	3.22E-02	0	0	0	0	3.22E-02
an		Rene	wable	Wood	kg	4.00E+00	4.62E-02	0	1.99E+01	0	2.40E+01
Inventory anaiyses		resources		Water	kg	9.18E+03	5.33E+02	6.85E-02	2.04E+04	4.91E+01	3.01E+04
uto		to Atmosphere		CO2	kg	8.13E+01	5.67E+00	2.75E+00	2.61E+02	8.53E+00	3.59E+02
2Ke				SOx	kg	5.64E-02	4.22E-03	1.58E-03	1.78E-01	4.49E-03	2.45E-01
-				NOx	kg	1.03E-01	3.60E-03	1.15E-02	2.40E-01	9.70E-03	3.68E-01
				N2O	kg	6.96E-03	1.04E-04	4.84E-04	7.68E-03	1.32E-05	1.52E-02
	ge			CH4	kg	9.56E-04	1.27E-04	1.64E-08	4.45E-03	1.05E-05	5.54E-03
	Jar			CO	kg	1.09E-02	8.43E-04	2.69E-03	4.27E-02	1.81E-03	5.89E-02
	sch			NMVOC	kg	1.87E-03	2.48E-04	3.21E-08	8.72E-03	2.06E-05	1.09E-02
	"Di			CxHy	kg	3.23E-03	3.00E-05	3.69E-04	3.54E-03	3.64E-05	7.20E-03
	ion on	to		Dust	kg	1.03E-02	1.89E-04	1.14E-03	1.63E-02	5.56E-04	2.85E-02
	iiss			BOD COD	kg	-	-	-	-	_	
	t by Emission/Discharge to the environment	Wa		N total	kg	_	-	_		_	
	by	dom		P total	kg kg	_	-	_			
	Impact by to th	uon		SS	kg	_	_	_		_	
	edu			Unspecified Solid Waste	kg	5.41E-01	5.85E-04	0	8.67E+00	4.78E+00	1.40E+01
	5			Slag	kg	1.21E+00	0	0	1.48E+00	0	2.69E+00
		te	С	Sludge	kg	3.67E-01	0	0	2.98E-01	0	6.65E-01
		Soil s	ystem								
				Low level	kg	2.51E-04	3.31E-05	4.29E-09	1.16E-03	2.74E-06	1.45E-03
			_	radio-active waste							
	θG			Energy resources	1.0	0.005.04	0.445.00	0.005.04	0.745.04	0.445.04	4.405.00
	ptia	Exhau	Istible	(crude oil equivalent)	kg	2.80E+01	2.11E+00	8.63E-01	8.71E+01	2.11E-01	1.18E+02
	by Resource Consumption	resou									
ŧ	by R	10300	1000	Mineral resources	kg	7.59E+01	1.21E-03	0	2.52E+01	0	1.01E+02
nei				(Iron ore equivalent)	9			, , , , , , , , , , , , , , , , , , ,			
Impact assessment	at ge										
In Se	/ harg mer			Global Warming	kg	8.32E+01	5.70E+00	2.88E+00	2.63E+02	8.54E+00	3.63E+02
as	ot by Disci	to	c	(CO2 equivalent)							
	Impact by Emission/Discharge to the environment	Atmos									
	In issic			Acidification	kg	1.28E-01	6.74E-03	9.64E-03	3.46E-01	1.13E-02	5.02E-01
	Emis to th			(SO2 equivalent)							

[Notes for readers: EcoLeaf common rules]

I. Stage related

Emise to the

A. "Production" stage is intended for two sub-stages listed below

Reavemental production: consists of mining, transportation and raw material production (2) "Product" production: 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" state in intended for use of the product (active mode, standby mode, etc.) and production, transportation to disposal of consur D. "Disposal" stage in intended for environmental impacts by product disposal. nables/mainte nance goods (e.g., replacement parts).

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).

III. Impact analyses

Result of the "Impact analyses" is found in converting results of inventory analyses into total amount of a reference material (e.g. CO<sub>2</sub> 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

A Exponential notation, after the decimal point to two, should be used. B. Indicate "0" 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". D. Row total of the data is automatically calculated, excluding a row includes "--" item. Row total of such is presented as a blank (no data).

(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]

1. Product weight includes a toner cartridge, a drum unit and other accessories. Packaging weight includes packaging material and appended goods (e.g., user's manual, other printed matter). 2. Production stage includes the production/distribution impact of the parts making up a machine and the initial set of a toner cartridge and a photoreceptor, as well as the impact of product assembly.

In the production impact of raw material, the impact of a Ni-MH battery is calculated using the basic impact rate of an alkaline-manganese battery.

Distribution stage's impact is calculated according to the PCR. The transportation distance of a product from an overseas factory to the port of Japan is based on actual distance The transportation distance in Japan uses 100 km as average distance.

4. Use stage's impact is calculated according to the PCR. It includes the impact of fax transmitting 48000 sheets and printing 48,000 sheets by receiving. This number is calculated by supposing a user use a machine for 5 years, sending 5 sheets an hour, receiving 5 an hour, operating a machine 8 hours a day, 20 days a month.

It also includes the electricity consumption of a machine calculated based on 5-year use, supposing a year consists of 365 days,

not taking a leap year into consideration, supposing a machine is on standby all the time when it is not used. The production, distribution, and disposal/recycle impact of the consumables used in those 5 years is also included

The distribution impact of consumables is calculated under the same condition of products:

The transportation distance of consumables from an overseas factory to the port of Japan is based on actual distance. The transportation distance in Japan uses 100 km as average distance Since we have no past record of consumables collection/recycle in Japan, they are assumed to be collected as general waste, crushed and separated as combustible/non-combustible material

This stage includes the incineration impact of combustible materials and the landfill impact of non-combustible materials of consumables.

5. Disposal stage: Since we have not collected machines as a producer in Japan, they are assumed to be collected as general waste, crushed and separated as combustible/non-combustible material This stage includes the incineration impact of combustible materials and the landfill impact of non-combustible materials of machines

### Product data sheet

	(Input data and parameters for LCA)
Document control no.	F-03s-02
Product vendor	Brother Industries,LTD.
EcoLEaf registration no.	AH-11-126



									nttp://www.jemai	.or.jp		
	PSC name Facsimile(PCR ID:AH-03) Product type FAX-2810N						l					
LCA/LCIA in units of:				1	Product weight (kg)	8.80	Package (kg)	2.27	weight total (kg)	11.1		
1. Prod	uct information (per u	init): parts e	tc. by materi	al and by process/assembly me	thod							
		В	Breakdown of p	rimary materials	Math breakdown of parts, which need to apply Processing / Assembly base Units (Parts B,C)							
	Material name		Weight (kg)	Material name	Weight (kg)	Process name	Weigl	nt (kg)	Process name	Weight (kg)		
	Steel		2.38E+00	Paper	1.85E+00	Press molding: Iron	(kg) 2.46	E+00 P	Parts assembly (kg)	2.42E+00		
÷	Stainless steel		7.58E-02	Semiconductor substrate	1.09E+00	Press molding: Nonferrous metal		E-01				
Inct	Aluminum		1.62E-01	Wood	0	Injection molding (	(kg) 4.86	E+00				
0	Other metal	I	1.28E-02	Water	0	Glass molding (k	g) 6.08	E-02				
ų.	Thermoplastic r	resin	4.70E+00	Medium-sized motor	4.61E-01							
	Thermosetting r	resin	0	Alkali-manganese dry battery	3.45E-02							
	Rubber		2.43E-01	Lubricants	8.07E-04							
	Glass		6.08E-02									
	Subtotal		7.63E+00	Subtotal	3.44E+00							

 Total
 1.

 Note: Nickel hydride battery has been calculated using the basic unit of Alkali-manganese dry battery

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

#### SOx and NOx should be indicated in SO<sub>2</sub>, NO<sub>2</sub> equivalent.

	Classificatior	Material	Energy	Energy	Energy	Energy	Energy	Energy	Material
ç	Distribution	Corrugated cardboard (kg)	Electricity (kwh)	Diesel truck: 20 ton (kg.km)	Incineration: Industrial waste (kg)	Diesel oil as fuel (kg)	Heavy oil as fuel (kg)	Freight by ship (kg.km)	Raw wood (Imported) (kg)
nption	Quantity	1.93E-02	4.00E+00	2.14E+01	2.66E-02	2.16E-02	1.42E-03	3.58E+02	5.16E-03
Ē	Note								
su	Classificatior	Material	Energy	Energy					
Con	Distribution	PP (kg)	LPG(NPG) as fuel (kg)	Diesel truck: 10 ton (kg.km)					
	Quantity	2.22E-03	1.76E-02	1.05E+01					
	Note								
e /	Classificatior								
Emission . Discharge	Distribution								
is is	Quantity								
	Note								
Note									

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

	Means of transportation	Diesel truck: 20 ton (kg.km)	Freight by ship (kg.km)	Freight by ship (kg.km)	Freight by ship (kg.km)	Freight by ship (kg.km)			
-	Conditions	Mass (kg)	Distance (km)	Loading Ratio (%w)	Load (kg·km)	Mass (kg)	Distance (km)	Loading Ratio (%w)	Load (kg·km)
0	Quantity	1.11E+01	5.00E+01	2.93E+01	1.89E+03	1.11E+01	4.06E+03	1.00E+02	4.50E+04
put	Note								
Distri	Means of transportation	Diesel truck: 10 ton (kg.km)							
	Conditions	Mass (kg)	Distance (km)	Loading Ratio (%w)	Load (kg·km)				
	Quantity	1.11E+01	1.00E+02	2.92E+01	3.79E+03				
	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

Classificatior	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption
Distribution	Diesel truck:	Freight by	Diesel truck:	Diesel truck:	Cold-Rolled	Electroplated	Stainless	Copper
Distribution	20 ton (kg.km)	ship (kg.km)	10 ton (kg.km)	2 ton (kg.km)	steel plate (kg)	steel Plate (kg)	steel plate (kg)	plate (kg)
Quantity	2.90E+03	7.27E+04	9.80E+03	1.36E+02	1.55E+00	3.08E+00	1.19E-01	1.80E-03
	Distribution of	Distribution of	Distribution of	Distribution of				
Note								
					_		-	
Classificatior			Consumption	Consumption	Consumption		Consumption	Consumption
Distribution	Aluminum plate (kg)	Low density polyethylene (kg)	PP (kg)	POM(polyacetal) (kg)	PS (kg)	Polycarbonate-ABS (70/30) (kg)	ABS (kg)	AS resin (kg)
Quantity	1.32E-01	4.07E-01	3.89E-01	4.90E-01	3.36E+00	1.52E-01	4.17E-01	1.82E+00
Note								
Classificatior	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption
Distribution	Polycarbonate (kg)	PA66 (Polyamide 66) (kg)	PET (kg)	Nitrile-butadiene rubber (NBR) (kg)	Expandable soft polyurethane (for automobile) (kg)	Corrugated cardboard (kg)	Cardboard (kg)	Paper (Western style)
Quantity	2.74E-02	6.00E-03	2.41E-02	5.32E-02	1.55E+00	7.15E+00	1.39E+00	6.76E-01
Note								
Classificatior	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption
Distribution	injection	Press molding:	Press molding:	Parts assembly (kg)	Electricity (kwh)	Kerosene	Heavy oil	LNG
				y ( 0,				as fuel (kg)
Quantity	6.83E+00	4.76E+00	1.80E-03	2.27E+00				4.30E-02
Nete								Production of consumables used in
Note								
Classification	Consumption	Consumption			5 years	5 years	5 years	5 years
Distribution	Electricity (kwh)	Incineration:						
Quantity	1.41E+01	2.66E+00						
	Production of	Packaging materials						
Note	consumables used in	for distribution of						
	5 years	ingredient		1				
	Distribution Quantity Note Classificatior Distribution Quantity Note Classificatior Distribution Quantity Note Classificatior Quantity Note Classificatior Distribution Quantity	Distribution         Diesel truck: 20 ton (kg,km)           Quantity         2.96±03           Distribution of consumables used in 5 vears         Distribution of consumables used in 5 vears           Classificatior         Consumption           Distribution         Aluminum plate (kg)           Quantity         1.32E-01           Note         Classificatior           Consumption         Polycarbonate (kg)           Quantity         2.74E-02           Note         Classificatior           Classificatior         Consumption           Distribution         Injection molding (kg)           Quantity         6.83E+00           Note         Classificatior           Consumption         Injection molding (kg)           Quantity         6.83E+00           Note         Classificatior           Consumption         Electricity (kwh)           Quantity         1.41E+01           Distribution         Flectricity (kwh)	Distribution         Diesel truck: 20 ton (kg, km)         Freight by ship (kg, km)           Quantity         2.96±03         7.27E±04           Note         Distribution of consumables used in 5 vears         Distribution of ingredient of consumables         Distribution ingredient of consumables           Classificatior         Consumption         Consumption         Consumption           Distribution         Aluminum plate (kg)         Low density polyethylene (kg)           Quantity         1.32E=01         4.07E=01           Note         Consumption         Consumption           Classificatior         Consumption         Consumption           Distribution         Polycarbonate (kg)         PA66 (Polyamide 66) (kg)           Quantity         2.74E=02         6.00E=03           Note         Consumption         Consumption           Classificatior         Consumption         Press molding: Iron (kg)           Quantity         6.83E+00         4.76E+00           Note         Classificatior         Consumption           Classificatior         Consumption         Incineration: Industrial waste (kg)           Quantity         1.41E+01         2.66E+00	Distribution         Diesel truck: 20 ton (kg,km)         Freight by ship (kg,km)         Diesel truck: 10 ton (kg,km)           Quantity         2.96±03         7.27E±04         9.80E±03           Note         Distribution of consumables used in 5 years         Distribution of ingredient of consumables         Distribution of ingredient of consumables           Classificatior         Consumption         Consumption         Consumption           Distribution         Aluminum plate (kg)         Low density         PP (kg)           Quantity         1.32E=01         4.07E=01         3.89E=01           Note         Consumption         Consumption         Consumption           Distribution         Palate (kg)         PA66 (Polyamide 66) (kg)         PET (kg)           Quantity         2.74E=02         6.00E=03         2.41E=02           Note         Consumption         Consumption         Consumption           Classificatior         Consumption         Consumption         Consumption           Classificatior         Consumption         Consumption         Consumption           Classificatior         Consumption         Consumption         Nonferrous metal           Quantity         6.83E+00         4.76E+00         1.80E=03           Note         Incinerra	Distribution         Diesel truck: 20 ton (kg, km)         Freight by ship (kg, km)         Diesel truck: 10 ton (kg, km)         Diesel truck: 2 ton (kg, km)           Quantity         2.96±03         7.27E±04         9.80E±03         1.36E±02           Note         Distribution of consumables used in 5 vears         Distribution of consumables used in ingredient of consumables         Distribution of consumables         Distribution of consumables         Distribution of consumables         Distribution consumables           Classificatior         Consumption         Consumption         Consumption         Consumption         Consumption           Quantity         1.32E=01         4.07E=01         3.89E=01         4.90E=01           Note         Consumption         Consumption         Consumption         Consumption           Classificatior         Consumption         Consumption         Consumption         Consumption           Distribution         Polycarbonate (kg)         PA66 (Polyamide 66) (kg)         PET (kg)         Nitrile-butadiene rubber (NBR) (kg)           Quantity         2.74E=02         6.00E=03         2.41E=02         5.32E=02           Note         Consumption         Consumption         Consumption           Classificatior         Consumption         Consumption         Consumption	Distribution         Diesel truck: 20 ton (kg.km)         Freight by ship (kg.km)         Diesel truck: 10 ton (kg.km)         Diesel truck: 2 ton (kg.km)         Cold-Rolled steel plate (kg)           Quantity         2.99E+03         7.27E+04         9.80E+03         1.36E+02         1.55E+00           Note         consumables used in 5 years         Distribution of ingredient of consumables         Distribution of consumables         Distribution of consumables         Distribution of consumables         Consumption           Quantity         1.32E-01         Consumption         Consumption         Consumption         Consumption         Consumption           Distribution         Aluminum plate (kg)         polyethylene (kg)         PP (kg)         POM(polyacetal) (kg)         PS (kg)           Quantity         1.32E-01         4.07E-01         3.89E-01         4.90E-01         3.36E+00           Note         Consumption         Consumption         Consumption         Consumption         Consumption         Consumption           Ouantity         2.74E-02         6.00E-03         2.41E-02         5.32E-02         1.55E+00         Expandable soft polyuethane (for automobile) (kg)         1.55E+00           Quantity         2.74E-02         6.00E-03         2.41E-02         5.32E-02         1.55E+00           Distribu	Distribution Quantity         Diesel truck: 20 ton (kg.km)         Freight by ship (kg.km)         Diesel truck: 10 ton (kg.km)         Diesel truck: 2 ton (kg.km)         Cold-Rolled steel plate (kg)         Electropiated steel plate (kg)           Quantity         2.90F493         7.27E+04         9.80E+03         1.36E+02         1.55E+00         3.08E+00           Note consumables used in 5 years         Distribution of consumables         Distribution of consumables         Distribution of consumables         Distribution of consumables         Onsumption         Consumption         Consumption	Distribution Quantity         Diesel truck: 2 ton (kg, km)         Freight by ship (kg, km)         Diesel truck: 10 ton (kg, km)         Cold-Rolled steel plate (kg)         Electroplated steel plate (kg)         Stainless steel plate (kg)           Quantity         2 98-003         7.27E-04         9.80E-03         1.36E+02         1.36E+02         1.36E+02         1.36E+02         1.19E-01           Note consumables used in stribution of plate (kg)         Distribution of ingredient of consumables         Distribution of ingredient of consumables         Distribution of consumables         Distribution of consumption         Consumption         Consumption

Note 1. Electric power consumption in 5 years of "Use stage" is 399kWh.

### 4.2 Disposition/Recycle information on consumables and replacement parts

S C	Classificatior	Consumption	Process	Process	Process		
able	Distribution	Diesel truck:	el truck: Shredding (kg)	Incineration to	Landfill:		
e u	Distribution	4 ton (kg.km)	Shiedding (kg)	Iandfill	General waste (kg)		
ns	Quantity	1.16E+03	1.19E+01	1.39E+01	5.34E+00		
- E	Note	Consumables not	Consumables not	Consumables not	Consumables not		
Ŭ	Note	collected	collected	collected	collected		
Note							

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

	Classificatior	Consumption	Process	Process	Process		
enario	Distribution	Diesel truck: 4 ton (kg.km)	Shredding (kg)	Incineration to Iandfill	Landfill: General waste (kg)		
Sce	Quantity	9.72E+02	7.78E+00	6.22E+00	3.82E+00		
	Note	Machines not collected	Machines not collected	Machines not collected	Machines not collected		
Note							

6. Others