Product Environmental Aspects **Declaration**

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



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

For inquiry:

Environmental Product Group Production Innovation Dept. **Production & Engineering Center** Brother Industries, Ltd.

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Laser Multi-Function Copier DCP-L2550DW Specifications:

- Electrophotographic Printer (EP)
- Black & White
- · Printing Speed: 34ppm (A4)
- Maximum Printing Size: Legal
- Flexible Wireless & Wired Interfaces
- Duplex Printing

The following data is calculated by assuming the product prints 693,600 sheets in 5-year usage period.

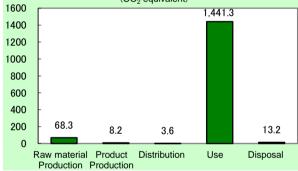
< Main environmental impact in the product lifecycle > 25,600MJ

- **Energy consumption** Global warming impact (CO₂ equivalent)
- 1,534.6kg Acidification impact (SO₂ equivalent) 2.41kg

Global warming impact each stage (CO₂ equivalent)

- Mineral resources(Iron ore equivalent) Energy resources(crude oil equivalent)

370kg



- Electric power consumption in 5 years of "Use stage" is 347kWh.
- 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.ecoleaf-jemai.jp/eng/ for details.
- 3. 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.
- 4. 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]

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.

PCR review was conducted by: PCR Deliberation Committee, January 01, 2008, 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, Yasuo Koseki

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

Product Environmental Information Data Sheet (PEIDS)



Document control no.	F-02As-02
Product vendor	Brother Industries,LTD.
EcoLeaf registration no.	AD-17-E967

Unit Function DB version Characterization Factor DB version

v2.1	
v2.1	

PCR name	EP(Electrophotographic Printer) an	Product type	DCP-L2550DW				
PCR code	AD-04	Product weight (kg)	11.54	Package (kg)	2.85	Weight total (kg)	14.39

				Life Cycle Stage		Produ	uction				
In/Ou	ıt iten	ns			Unit	Raw material	Product	Distribution	Use	Disposition	Total
III/Ou	it iton	110			MJ	1.35E+03	1,56E+02	4.88E+01	2.40E+04	1.45E+01	2.56E+04
		Er	nergy C	Consumption	Mcal	3.22E+02	3.74E+01	1.16E+01	5.73E+03	3.45E+00	6.10E+03
_			92	Coal	kg	6.20E+00	1.02E+00	1.14E-04	1.17E+02	8.75E-02	1.24E+02
			onro	Crude oil (for fuel)	kg	1.30E+01	1.21E+00	1.07E+00	2.27E+02	1.54E-01	2.42E+02
			/ res	LNG	ka ka	2.62E+00	5.10E-01	1.64E-02	4.87E+01	4.50E-02	5.19E+01
			nerg)	Uranium content of an ore	kg kg	2.44E-04	6.89E-05	7.72E-09	4.52E-03	5.92E-06	4.84E-03
	_	ŀ	ш	Crude oil (for material)	kg	7.52E+00	0.09E-03	0	9.28E+01	0	1.00E+02
	ioi			Iron content of an ore	kg	2.93E+00	0	0	5.08E+01	0	5.37E+01
	υb	es		Cu content of an ore	kg	1.74E-01	0	0	1.59E-01	0	3.33E-01
	ce Consumption	읔		Al content of an ore	kg	1.16E-01	0	0	3.12E+00	0	3.24E+00
		201		Ni content of an ore	kg	8.86E-03	0	0	2.15E-01	0	2.23E-01
		<u>ë</u>	resources	C content of an ore	ka	1.29E-02	0	0	3.08E-01	0	3.21E-01
		Exhaustible resources		Mn content of an ore	kg	1.48E-02	0	0	3.01E-01	0	3.16E-01
	Ď			Pb content of an ore	kg	7.99E-03	0	0	5.85E-03	0	1.38E-02
	Resource			Sn content of an ore	kg	7.55E-05	-	-	J.03L-03	-	1.50L-02
			Mineral	Zn content of an ore	kg	7.87E-02	0	0	5.76E-02	0	1.36E-01
	by		ne	Au content of an ore	kg	7.072 02	-	-	0.702 02	-	1.002 01
	t		琞	Ag content of an ore	kg	_		_		_	
S	Impact I			Silica Sand	kg	7.25E-01	0	0	1.00E+00	0	1.73E+00
Se	<u>n</u>			Halite	kg	9.78E-01	2.42E-05	0	6.42E+00	4.30E-03	7.40E+00
anaiyses				Limestone	kg	9.29E-01	1.57E-03	0	1.39E+01	1.22E-01	1.50E+01
ä				Natural soda ash	kg	7.59E-02	0	0	4.48E-02	0	1.21E-01
ح			1	Wood	ka	4.81E+00	4.33E-02	0	2.44E+02	0	2.48E+02
nventory			1	Water	ka	6.29E+03	7.73E+02	8.61E-02	9.04E+04	7.41E+01	9.76E+04
e -	±		,	CO2	ka	6.66E+01	8.13E+00	3.46E+00	1.42E+03	1.32E+01	1.51E+03
≦	Emission/Discharge to the environment			Sox	ka	4.12E-02	6.09E-03	2.07E-03	8.65E-01	6.91E-03	9.21E-01
	nu	Atmosphere		Nox	kg	9.14E-02	5.06E-03	1.58E-02	2.00E+00	1.47E-02	2.12E+00
	Vir.			N2O	kg	6.61E-03	1.37E-04	5.90E-04	8.29E-02	1.89E-05	9.03E-02
	en		Sc	CH4	kg	6.52E-04	1.84E-04	2.06E-08	1.20E-02	1.58E-05	1.29E-02
	he		Ĕ	CO	kg	7.98E-03	1.20E-03	4.00E-03	2.98E-01	2.67E-03	3.14E-01
	o tl		₹	NMVOC	kg	1.27E-03	3.61E-04	4.04E-08	2.36E-02	3.10E-05	2.52E-02
	Je t		\$	CxHy	kg	3.08E-03	3.41E-05	4.85E-04	4.33E-02	4.95E-05	4.70E-02
	arc			Dust	kg	9.54E-03	2.70E-04	1.53E-03	1.56E-01	8.35E-04	1.68E-01
	sch	E	. <u>⊆</u>	BOD	kg	-	-	-	-	-	
	Ö	to Water system	domain	COD	ka	-	-	-	-	-	
	on)	er s	ar de	N total	kg	-	-	-	-	-	
	issi	Vate	o Water	P total	kg	-	-	-	-	-	
	m	to v	to V	SS	kg	-	-	-	-	-	
			E	Unspecified Solid Waste	ka	5.16E-01	4.52E-04	0	9.67E+01	5.38E+00	1.03E+02
	t b		system	Slag	ka	1.03E+00	0	0	1.55E+01	0	1.66E+01
	mpact by		Soils	Sludge	kg	1.77E-01	0	0	6.62E+00	0	6.79E+00
	<u>E</u>		to	Low level radio-active waste	ka	1.71E-04	4.81E-05	5.40E-09	3.16E-03	4.13E-06	3.38E-03
nt	y ss			Energy resources (crude oil equivalent)	kg	2.21E+01	3.04E+00	1.09E+00	3.97E+02	3.12E-01	4.24E+02
assessment	by Res		-	Mineral resources (Iron ore equivalent)	kg	5.29E+01	0	0	3.17E+02	0	3.70E+02
SSS	water		e_e	Global Warming (CO2 equivalent)	kg	6.83E+01	8.17E+00	3.62E+00	1.44E+03	1.32E+01	1.53E+03
SSE	to era ice		Atmospher	Acidification (SO2 equivalent)	kg	1.05E-01	9.63E-03	1.31E-02	2.26E+00	1.72E-02	2.41E+00
ä	actuage		Ę Ę	Ozone Depletion (CFC-11 equivalent)	kg	-	-	-	-	-	
Impact	Di unite		to A	Photochemical Oxidant	kg	5.66E-03	2.76E-04	8.18E-04	9.12E-02	3.79E-04	9.84E-02
_	3			Eutrophication (Phosphate equivalent)	ka	-	-	-	-	-	

[Notes for readers: Ecol eaf common rules]

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" 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" stage is intended for use of the product (active mode, standby mode, etc.) and production, transportation to disposal of consumables/maintenance goods (e.g. replacement parts)
- D. "Disposition" stage is intended for environmental impacts by product disposition.

- A. Data of mineral ore on "Exhaustible resources" are presented in weight of pure ingredients (e.g. iron, aluminum) in the ore.
- 3. 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. 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.

- 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.)

- 1. Product weight includes the accessories as standard equipment, a toner cartridge and a drum unit. Packaging weight includes packaging material and appended goods (e.g., user's manual, other printed matter, polyethylene bags).
- 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 photo conductor, as well as the impact of product assembly,
- 3. 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 kmas average distance 4. Use stage's impact is calculated according to the PCR. It includes the impact of printing 693,600 sheets, calculated by supposing a user use a machine for 5 years.

It also includes the electricity consumption of a machine calculated based on 5-year use, supposing a month consists of 4 weeks, with weekly electricity consumption calculated by the TEC test procedure

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 not collected consumables as a producer, which are newly introduced, 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, 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.
- 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.

Product data sheet

(Input data and parameters for LCA)

Document control no.	F-03s-02
Product vendor	Brother Industries,LTD.
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EcoLEaf registration no.	AD-17-E967
	1.2 17 2001



PCR name	EP and IJ printer(PCR ID:AD-04)	Product type			DCP-L255	0DW	
LCA/LCIA in units of:	1	Product weight (kg)	11.54	Package (kg)	2.85	Weight total (kg)	14.39

1. Product information (per unit): parts etc. by material and by process/assembly method

	Br	eakdown of p	rimary materials			ch need to apply	Processing / Assembly Base U	nits (Parts B, C)
	Material name	Weight (kg)	Material name	Weight (kg)	Process name	Weight (kg)	Process name	Weight (kg)
	Steel	2.41E+00	Paper	2.25E+00	Press molding:Iron (kg)	2.47E+00	Parts assembly (kg)	1.30E+00
	Stainless steel	5.57E-02	Semiconductor substrate	7.14E-01	Press molding:Nonferrous metal (kg)	3.49E-02		
-	Aluminum	7.80E-02	Wood	0	Injection molding (kg)	7.77E+00		
roduct	Other metal	0	Medium-sized motor	3.83E-01	Glass molding (kg)	6.93E-01		
ĕ	Thermoplastic resin	7.53E+00	Lubricants	3.28E-03				
_	Thermosetting resin	4.14E-02						
	Rubber	2.26E-01						
	Glass	6.93E-01						
	Subtotal	1.10E+01	Subtotal	3.35E+00				
		Total		1.44E+01	Subtotal	1.10E+01	Subtotal	1.30E+00

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 SO_2 , NO_2 equivalent.

	Classification	Material	Energy	Energy	Energy	Energy	Energy	Energy	Material
	Distribution	Corrugated cardboard (kg)	Electricity (kWh)	Diesel truck:20 ton (kg·km)	Diesel truck:10 ton (kg·km)	Incineration: Industrial waste (kg)	Diesel oil as fuel (kg)	Freight by ship (kg·km)	Raw wood(Imported) (kg)
io	Quantity	1.69E-02	7.08E+00	1.13E+01	5.24E+00	2.42E-02	1.33E-02	6.12E+02	7.33E-03
Consumption	Note								
Inst	Classification	Energy							
S	Distribution	Furnace LPG (kg)							
	Quantity	2.54E-02							
	Note								
arge	Classification								
Disch	Distribution								
Emission/I	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)						
	Conditions	Mass(kg)	Distance (km)	Loading Ratio(%w)	Load(kg·km)	Mass(kg)	Distance (km)	Loading Ratio(%w)	Load(kg·km)
8	Quantity	1.44E+01	7.00E+01	2.80E+01	3.60E+03	1.44E+01	3.80E+03	1.00E+02	5.46E+04
Ħ	Note								
strib	Means of transportation	Diesel truck:10 ton (kg·km)							
ĕ	Conditions	Mass(kg)	Distance (km)	Loading Ratio(%w)	Load(kg·km)				
	Quantity	1.44E+01	1.00E+02	2.82E+01	5.10E+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

Quantity 5.18E+00 3.30E-01 2.59E+00 7.05E+00 2.66E+01 8.21E+00 1.04E+00 Note Classificatior Consumption Consumption Consumption Consumption Consumption Consumption Distribution Assembled circuit boardbay Paper (Western style) Corrugated cardboard (kg) Injection molding (kg) Press molding. Iron (kg) Press molding. Iro						IS	ct to this analys	cessories subje	oduct and ac
Quantity 3.47E+02 9.03E+04 1.03E+06 1.29E+05 1.56E-01 4.79E+01 1.35E+00 Note Electricity consumption to 5 years Ambition of consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Classification
Note Electricity consumption C	Glass (kg)	Stainless steel plate (kg)	Electroplated steel Plate (kg)	Cold-Rolled steel plate (kg)	Diesel truck: 10 ton (kg.km)	Freight by ship (kg.km)	Diesel truck: 20 ton (kg.km)	Electricity (kwh)	Distribution
Classification Consumption Consumption Consumption Consumption Consumption Consumption Distribution Aluminum plate (kg) PC-ABS(70/30)(kg) High density polyechylene (kg) Low density polyechylene (kg) PP (kg) PA86 (Polyamide 66) (kg) MMA resin (kg) Quantity 2.92E+00 1.11E-02 4.99E-02 2.27E+00 8.06E+00 6.24E-02 1.82E-03 Note Classification Consumption Distribution ABS (kg) HISTING Report Tourisd Report To	3.79E-01	1.35E+00	4.79E+01	1.56E-01	1.29E+05	1.03E+06	9.03E+04	3.47E+02	Quantity
Distribution Aluminum plate (kg) PC-ABS(70/30)(kg) High density polyethylene (kg) Low density polyethylene (kg) PP (kg) PA66 (Polyemide 66) (kg) MMA resin (kg) Quantity 2.92E+00 1.11E-02 4.99E-02 2.27E+00 8.06E+00 6.24E-02 1.82E-03 1.82E					Distribution of consumables used in 5 years	Distribution of consumables used in 5 years	Distribution of consumables used in 5 years	Electricity consumption for 5 years	Note
Quantity 2.92E+00 1.11E-02 4.99E-02 2.27E+00 8.06E+00 6.24E-02 1.82E-03 Note Classificatior Consumption Consumpti	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Classification
Note Classificatior Consumption Consumptio	PS (kg)	MMA resin (kg)	PA66 (Polyamide 66) (kg)	PP (kg)	Low density polyethylene (kg)	High density polyethylene (kg)	PC-ABS(70/30)(kg)	Aluminum plate (kg)	Distribution
Classification Consumption Con	4.50E+01	1.82E-03	6.24E-02	8.06E+00	2.27E+00	4.99E-02	1.11E-02	2.92E+00	Quantity
Distribution ABS (kg) PSTIPMs flat/res Translated to the Polycarbonate (kg) POM(polysacetal) (kg) PET (kg) Note 2.66E+01 8.21E+00 1.04E+00 Note 2.68Ef-01 2.59E+00 7.05E+00 2.66E+01 8.21E+00 1.04E+00 Note 2.68Ef-01 8.21E+00 Note 2.68Ef-01 8.21E+00 Note 2.68Ef-01 8.21E+00 Note 2.68Ef-01 8.21E+00 Note 2.68Ef-01 Note 2.68Ef-01 Note 2.68Ef-01 1.0E+02 9.77E+01 4.94E+01 4.58E-01 3.79E-01 Note 2.68Ef-01 8.21E+00 Note 2.68Ef-01 Note 2.68Ef-01 Note 2.68Ef-01 Note 2.68Ef-01 Note 2.68									Note
Quantity 5.18E+00 3.30E-01 2.59E+00 7.05E+00 2.66E+01 8.21E+00 1.04E+00 1.0	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Classification
Note Classification Consumption Consumptio	Medium-sized motor (kg)	Expandable soft polyurethane (for automobile) (kg)	Nitrile-butadiene rubber (NBR) (kg)	PET (kg)	POM(polyacetal) (kg)	Polycarbonate (kg)	PBT(Poly Butylene Terephtalate) (kg)	ABS (kg)	Distribution
Distribution Assembled circuit boundles Paper (Western style) Corrugated cardoboard (kg) Injection molding (kg) Press molding Iron (kg) Pr	4.38E-01	1.04E+00	8.21E+00	2.66E+01	7.05E+00	2.59E+00	3.30E-01	5.18E+00	Quantity
Distribution Assembled circuit boundles Paper (Western style) Corrugated cardoboard (kg) Injection molding (kg) Press molding Iron (kg) Pr									Note
Distribution Assembled circuit boundles Paper (Western style) Corrugated cardoboard (kg) Injection molding (kg) Press molding Iron (kg) Pr	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Classification
Note Classification Consumption Consumptio	Parts assembly (kg)	Glass molding (kg)	Press molding: Nonferrous metal (kg)	Press molding: Iron (kg)	Injection molding (kg)	Corrugated cardboard (kg)	Paper (Western style)	Assembled circuit board(kg)	Distribution
Classification Consumption Distribution Electricity (kwh) Diesel oil as fuel (kg) LPG(NPG) as fuel (kg) Diesel truck 10 ton (kgkm) Diesel truck 20 ton (kgkm) Freight by ship (kgkm) Corrupated cardboard (kg) RQ Quantity 3.69E+02 4.42E-01 8.41E-01 7.42E+02 2.39E+03 3.70E+05 2.76E+00 Note Production of consumption Cons	3.63E+01	3.79E-01	4.58E-01	4.94E+01	9.77E+01	1.10E+02	1.37E+00	5.22E-01	Quantity
Distribution Electricity (kwh) Diesel oil as fuel (kg) LPG(NPG) as fuel (kg) Diesel truck 10 ton (kgkm) Diesel truck 20 ton (kgkm) Freight by ship (kgkm) Corrugated cardboard (kg) RQ Quantity 3.69E+02 4.42E+01 8.41E+01 7.42E+02 2.39E+03 3.70E+05 2.76E+00 Note Productive of consideration of 1 types Productive of 1 type									Note
Quantity 3.69E+02 4.42E-01 8.41E-01 7.42E+02 2.39E+03 3.70E+05 2.76E+00 Note Productor of connections and n 1 sees Productor of c	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Consumption	Classification
Note Productor of concombine sard in 5 pares P	Raw wood (foreign) (kg)	Corrugated cardboard (kg)	Freight by ship (kg.km)	Diesel truck: 20 ton (kg.km)	Diesel truck: 10 ton (kg.km)	LPG(NPG) as fuel (kg)	Diesel oil as fuel (kg)	Electricity (kwh)	Distribution
Classification Process	1.24E+00	2.76E+00	3.70E+05	2.39E+03	7.42E+02	8.41E-01	4.42E-01	3.69E+02	Quantity
	Production of consumables used in 5 years	Production of consumables used in 5 years	Production of consumables used in 5 years	Production of consumables used in 5 years	Production of consumables used in 5 years	Production of consumables used in 5 years	Production of consumables used in 5 years	Production of consumables used in 5 years	Note
								Process	Classification
Distribution Inclineration: Industrial waste (kg)								Incineration: Industrial waste (kg)	Distribution
Quantity 4.00E+00								4.00E+00	Quantity
Note Production of communities used in 5 years							_	Production of consumables used in 5 years	Note

Note Electric power consumption in 5 years of "Use stage" is 347kWh.

4.2 Disposition/Recycle information on consumables and replacement parts

4.2 DI	sposition/ke	cycle illiorinatio	n on consumable	es and replacem	ent parts		
les	Classification	Process	Process	Process	Process		
nab	Distribution	Diesel truck: 4 ton (kg.km)	Shredding (kg)	Incineration to landfill	Landfill: General waste (kg)		
Consur	Quantity	2.64E+04	1.43E+02	2.18E+02	5.41E+01		
	Note	Consumables not collected	Consumables not collected	Consumables not collected	Consumables not collected		

Note

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

	Diapo	Jaillo II/IXEC	cie stage illioili	iation (per produ	ct). process met	illou allu scellali	03		
	0	Classification	Process	Process	Process	Process			
	ıari	Distribution	Diesel truck:4 ton (kg·km)	Shredding (kg)	Incineration to landfill(as ash) (kg)	Landfill:General waste (kg)			
	cer	Quantity	1.31E+03	1.07E+01	9.63E+00	3.88E+00			
S	Note	Machines not collected	Machines not collected	Machines not collected	Machines not collected				

Note