

Summary of the JAMA/JAPIA Standard Material Datasheet version upgrade (for Ver.2.02)

- This document is issued to supply information for JAMA/JAPIA Standard Material Datasheet version upgrade items. (for Ver.2.02)
[Release date : July 1st 2007]
- The upgraded JAMA/JAPIA Standard Material Datasheet (Ver.2.02) can be downloaded from the JAPIA website (<http://www.japia.or.jp/>) after July 2007.
- The JAMA/JAPIA Standard Material Datasheet may be upgraded in the future.

June 7th, 2007

Japan Auto Parts Industries Association
SoC(Substances of Environmental Concern) WG

<List of upgrade items in Ver.2.02>

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File	Upgrade item	Upgrade content	Details
I. Entry file	1. MATERIAL select function	<p>For the purpose of User convenience to input data, JAMA and JAPIA have prepared standard material data (Material - Substance) for JIS regulated metals. Users can use the standard material data using the [select] button.</p> <p>(Remarks)</p> <ul style="list-style-type: none"> - The standard material data is typical data by JIS. In case the actual part or material data is different, for example 4 heavy metals (Pb, Hg, Cd, Cr6+) restricted by EU ELV directive included as impurities, the User will have to modify the data. - All metal regulated by JIS is not included in the standard material data. 	page 5
	2. Security function	<p>Users are requested for a password to open the JAMA/JAPIA Standard Material Datasheet. Please confirm the password with your requestor.</p>	page10
	3. Cover sheet	<ul style="list-style-type: none"> - “Version No.” and “Date” have been revised. - “Explanation of upgrade” has been added. - “Notice” and “Disclaimers” have been added. 	page11

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File	Upgrade item	Upgrade content	Details
I. Entry file	4. Entry sheet	- “Required/Optional” in COMPONENT PARTS [Item No. : from 7 to 10] has been revised.	page 13
		- The “Application” select window [Item No. : 34] appears in Japanese, if using the Japanese version.	page 14
	5. Description sheet	- The data input rule for Material is regulated. (Material is not given a part number.)	page 15
		- “Notice of data input and explanation” for Polymeric part(s) harmonizes with the IMDS revision.	page 16

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File	Upgrade item	Upgrade content	Details
II. External list	6. Security function	User cannot open. Public data in the previous Version was supplied in other files.	-
	7. Material list (MAT)	- Replaced by the standard material data (Material - Substance). JIS regulated metals : Material - Substance other than above : Material (Same as previous Version) - Due to copyright protection, this list cannot be opened. (Users cannot refer to this list protected by Excel.)	-
	8. Substance list (IMDS_SUB)	- Substance names (Japanese) have been updated. - The GADSL category has been updated.	-
	9. GADSL category for substance (IMDS_CATEGORY)	- GADSL category updated.	-

I. Upgrade items for entry file

[jamasheet_jp.xls(Japanese) or jamasheet_en.xls(English) or jamasheet_ch.xls(Chinese)]

1. MATERIAL select function

Item No.	13
Item	MATERIAL
Definition	Material name applied to a component part
Entered by:	supplier
Required/Optional	required (In case of enter material)
Data type	ASCII characters
number of digits (integer number)	100
number of digits (decimal points)	0

The screenshot shows a 'Select material' dialog box with the following fields and actions:

- [1] Click**: The 'Select' button in the 'MATERIAL' item field.
- [2] Input search conditions**: The 'Material No.' field containing 'SUJ'.
- [3] Click**: The 'Search' button.
- [4] Select target Material**: The first row of the search results table, 'Steel SUJ-0'.
- [5] Click**: The 'OK' button.

Surface treatment file	Material name(EN)	Material name(JP)	Norms/Standard Material-No	Symbol	VDA	IMDG node ID
Steel SUJ-0	Steel SUJ-0		JISG2504	SUJ-0	1.1.1	A14
Steel SUJ-1	Steel SUJ-1		JISG2504	SUJ-1	1.1.1	A15
Steel SUJ-2	Steel SUJ-2		JISG2504	SUJ-2	1.1.1	A16
Steel SUJ-3	Steel SUJ-3		JISG2504	SUJ-3	1.1.1	A17

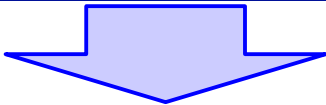
<Upgrade item>
 If the selected material has NodeID[Material], the JAMA/JAPIA Standard Material Datasheet imports the standard material data (Material - Substance).
 (Screen image appear on the next page.)

- Screen image of Material selection (standard material data is prepared)

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<Before [Select]>

MATERIAL									
SER No	Substance Name	Material name	Trade name	Sheet Name	HomeStandard	Material number	Material symbol	Class	Unit



<After [Select]>

MATERIAL									
SER No	Substance Name	Material name	Trade name	Sheet Name	HomeStandard	Material number	Material symbol	Class	Unit
0		Steel SUY-0			JISG504	SUY-0		1.1	1
1		Steel SUY-0			JISG504	SUY-0		1.1	0
2		Steel SUY-0			JISG504	SUY-0		1.1	0
3		Steel SUY-0			JISG504	SUY-0		1.1	0
4		Steel SUY-0			JISG504	SUY-0		1.1	0
5		Steel SUY-0			JISG504	SUY-0		1.1	0
6		Steel SUY-0			JISG504	SUY-0		1.1	0

<Upgrade item>
The standard material data is imported.
(Inserted row depends on the number of substances.)

- The data items of the standard material data are as follows. ([] is the same as “Item No.”.)

<MATERIAL>

Surface treatment flag[12], Material name[13], Norms/Standards[16], Material number(Metal or other than plastics or rubber materials)[17], Material symbol(plastics or rubber)[18], VDA Classification[19]

<SUBSTANCE USAGE>

Substance count[20], JAMA code of specific substance usage purpose[21], Purpose of specific substance usage[22]

<SUBSTANCE>

Substance code (CAS No.)[24], Substance name[25], Portion[26]

<JAPIA OPTIONS>

Substance portion(Minimum)[42], Substance portion(Maximum)[43], Substance portion(Rest)[44],
IMDS node ID[MATERIAL][46], IMDS node ID[SUBSTANCE][47]

- The standard material data is typical data by JIS.

In case the actual part or material data is different, for example 4 heavy metals (Pb, Hg, Cd, Cr6+) restricted by EU ELV directive included as impurities, the User will have to modify the data.

The JAMA/JAPIA Standard Material Datasheet checks the inputted data with the standard material data when the automatic checking function is run.

If the User modifies the data from the standard material data, the JAMA/JAPIA Standard Material Datasheet will delete the IMDS node ID[MATERIAL][Item No.:46] and display the following message. (“JAMA code of specific substance usage purpose[21]” and “Purpose of specific substance usage[22]” is exempt from the checking function.)

[mes115:Warning] The material-substance information is not found in the external list. The value has been deleted.

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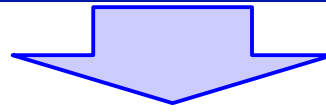
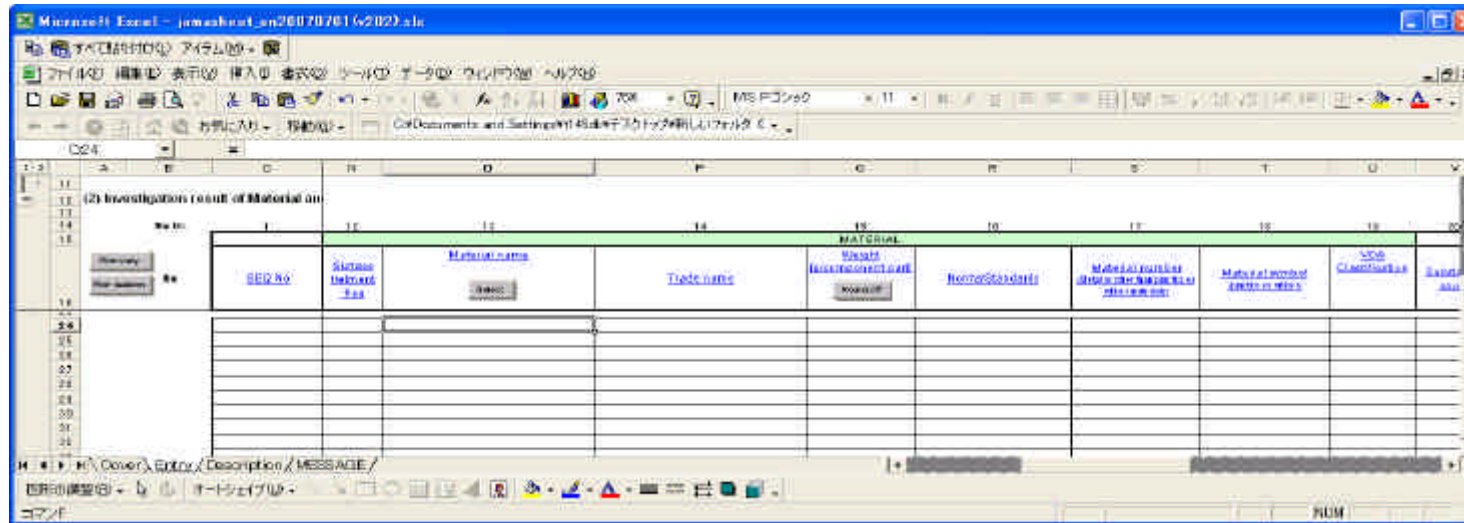


(continue)

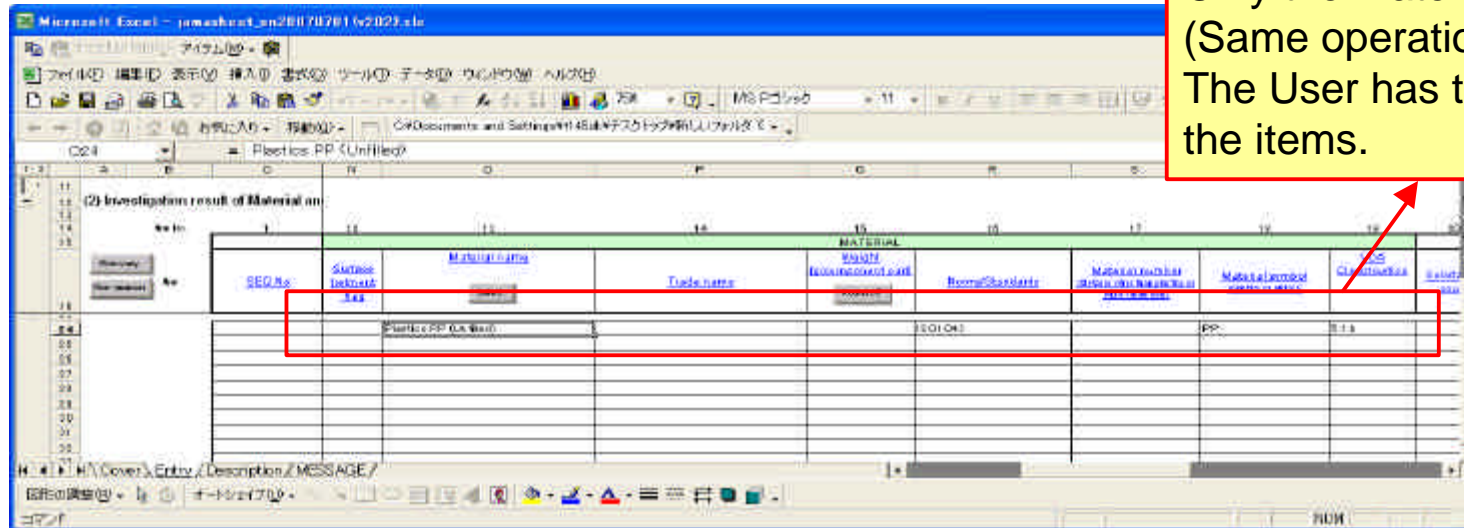
- All metal regulated by JIS is not included in the standard material data.
If the selected material is not included in the standard material data, only the following data items will be imported.
(Screen image appear on the next page.)
The User has to input the rest of the data items, same operation as in Ver.2.01.
<MATERIAL>
Surface treatment flag[12], Material name[13], Norms/Standards[16], Material number(Metal or other than plastics or rubber materials)[17], Material symbol(plastics or rubber)[18], VDA Classification[19]
 - The standard material data is imported under the following conditions.
First row in MATERIAL : import the selected material data (same operation as in Ver.2.01)
Second row or more : import the substance data of the selected material data
(The [Row copy] function will run automatically, Inserted row depends on the Number of substances.)
 - There are two types of IMDS node ID[MATERIAL][46] depending on whether the standard material data is prepared or not.
Not registered in IMDS : first digit is "A" and the remaining digits consist of numbers (example :A1234567)
[The digit number depends on the selected material]
- At the beginning of usage, the standard material data is not registered in IMDS.
JAMA and JAPIA will start the application for registration to IMDS.

- Screen image of Material selection (standard material data is not prepared)

<Before [Select]>



<After [Select]>



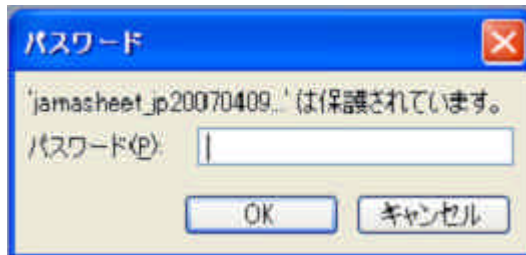
Only the material is imported.
(Same operation as in Ver.2.01.)
The User has to input the rest of the items.

2. Security function

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- The User has to input the “Password” in the following window, when opening the entry sheet. If the “Password” is not input, the JAMA/JAPIA Standard Material Datasheet will not open.
- Please request the password from your requestor.
- The password is confidential.
Expanding the password is allowed under supply-chain conditions only, and revealing the password to another company without any business relationship is prohibited.

<Password input screen>



JAMA Standard Material Datasheet

Ver.2.02
July 1, 2007

Revision of JAMA Standard Material Datasheet is implemented as follows.

<July 1, 2007>
 JAMA and JAPIA apply the revised JAMA Standard Material Datasheet (Ver.2.02).
 The new datasheet was equipped the new function of standard material data (Material - Substance) import using [select] button, for the purpose of user convenience to data input. The standard material data was created in only metals, based on JIS.
 - The standard material data is typical data regulated by JIS. In case of the actual part or material data is different, user have to modify the data.
 - All metal regulated by JIS is not including the standard material data.

After July 1, 2007, JAMA and JAPIA use new JAMA Standard Material Datasheet (Ver.2.02).
 The data compatibility is between new datasheet(Ver.2.02) and old datasheet(Ver.2.01 or 2.00) as follows,
 - The CSV file exported from old datasheet can be imported. But in case of some error occurred, user have to modify.
 - The old external file can not be used, please use the latest external list Ver.2.02(EXLIST-2007-07-01EN.xls)

<October 1, 2006>
 JAMA and JAPIA apply the revised JAMA Standard Material Datasheet (Ver.2.01) in addition to original revision (Ver.2.00), because of IMDS upgrade.
 (As the External list is revised at the same time, please also confirm the latest external list.)
 From October, 2006, the revised JAMA Standard Material Datasheet(Ver.2.01) is used for investigation. If necessary, please coordinate and handle the datasheet revision procedure between requesters and suppliers.
 The notification of implementing both of the revised datasheet is attached as shown below.

Revisions to the JAMA Standard Material Datasheet (Version 2.00)

April 1, 2006
 Japan Automobile Manufacturers Association, Inc. (JAMA)
 Japan Auto Parts Industries Association (JAPIA)

1. Background
 The JAMA Standard Material Datasheet is already being used by members of automobile manufacturers and auto parts manufacturers. The IMDS (International Material Data System) data format and the JAMA Material Datasheet format would be harmonized with each other because most automobile manufacturer members of JAMA use the IMDS and, especially, many auto parts manufacturer members of JAPIA use the standard datasheet for making IMDS input data.
 To promote consistency, we have decided to review data requiring material data collection and the datasheet format. Our intention is that, with this revision, suppliers will use the JAMA Standard Material Datasheet or IMDS for the same manner of collecting data.

2. Revision overview (The new version will be Ver.2.00.)

(The rest is omitted.)

<Revised>
Version number and Date have been revised.

<Revised>
Summary of Revision has been added.

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<Information about the requestor (submit **the** JAMA Standard Material Datasheet)>

Company name	
Department or section	
Person in charge	
Tel	Tel
e-mail	e-mail

<Notice>

The JAMA/JAPIA Standard Material Datasheet has been agreed to by the JAMA and the JAPIA to investigate into materials and substances contained in products with a view to meeting requirements on environmental regulations.

You should note that the following actions are prohibited for all the relevant documents.

- You may not use those documents for any purposes other than the inter-firm exchange of information on substances of environmental concern contained in products.
- The relevant documents and programs are protected by laws and conventions on copyright and other intellectual property rights. You may not illegally apply any of those documents and programs.
- You may not distribute any of those documents and programs to a third party with whom you have not entered into a basic marketing agreement or other inter-firm contracts.

The original document for JAMA/JAPIA Standard Material Datasheet created and edited in Japanese documents.

If you have some issues and concerns, you have to confirm in Japanese document at first.

<Disclaimers>

- We will not be liable and responsible for monetary or other damage resulting from use of the JAMA/JAPIA Standard Material Datasheet (including the external file and other relevant documents) whether the damage is attributable to intended operation or errors of the data sheet.
- An error or other trouble detected in the JAMA/JAPIA Standard Material Datasheet (including the external file and other relevant documents) shall not affect any inter-firm agreements. If a report cannot be submitted by the time limit determined by the parties for investigation or other unexpected faults occur, the parties must bargain with each other for control.
- Error checking on the JAMA/JAPIA Standard Material Datasheet deals only with the format of input data. The appropriate firm must be responsible for input contents. We will not be liable and responsible for any input data errors detected during data transmission or other processes.
- The JAMA/JAPIA Standard Material Datasheet (including the external file and other relevant documents) is subject to change without prior notice.

<Revised>
Notice and Disclaimers
have been added.

4. Entry sheet

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(1) COMPONENT PARTS (Item No. :7 11)

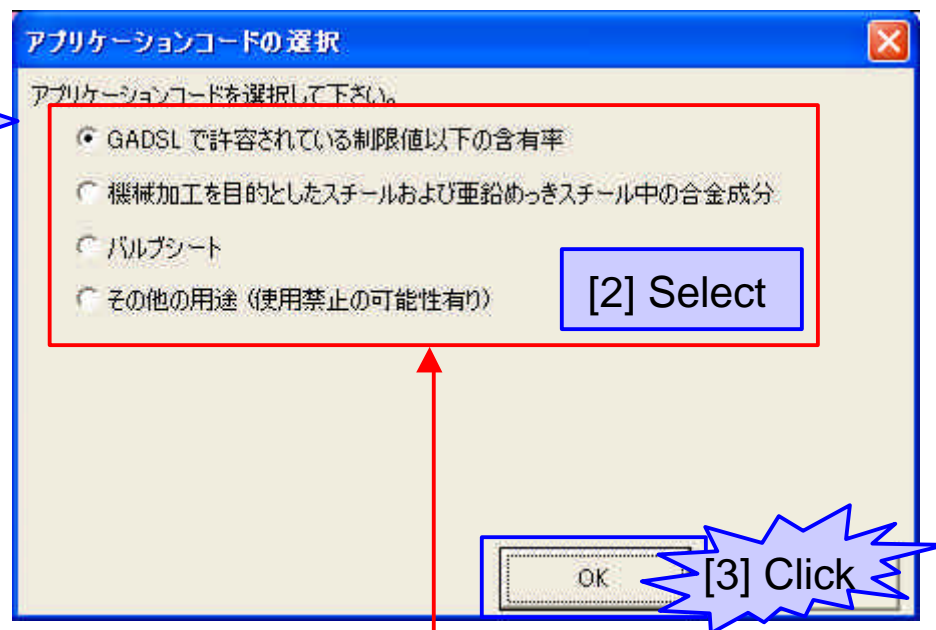
Item No.	7	8	9	10	11
	COMPONENT PARTS				
Item	Part Structure	Part Number	Part name	Weight [g/part] Auto adjustment	Quantity [upper part]
Definition	Level of a component part,if delivery part is consist some component parts.	Part number of a component part of a delivered product	Part name identified by a component part number	Weight of component part [g/part]	Number of component parts used for upper level parts [each/upper level part]
Entered by:	supplier	requestor or supplier	requestor or supplier	supplier	supplier
Required/Optional	required	required (If it has requestor part number)	required	required (Enter in only the top row for the same part.)	required
	(Enter "1" in case of material for DELIVERY PART are inputted in this row)	Should be blank in case of material for DELIVERY PART are inputted in this row.	Should be blank in case of material for DELIVERY PART are inputted in this row.	Should be blank in case of material for DELIVERY PART are inputted in this row.	Should be blank in case of material for DELIVERY PART are inputted in this row.
Data type	Number	ASCII characters	ASCII characters	Number	Number
number of digits (integer number)	2	25	60	7	3
number of digits (decimal points)	0	0	0	6	0

<Revised>

An explanation of the data input rule has been added, in case the MATERIAL consists of a DELIVERY PART. (COMPONENT PARTS is blank.)

(2) APPLICATION (Item No. :34)

Item No.	34
Item	Application Select [1] Click
Definition	Usage code of substance in regulated in IMDS
Entered by:	supplier
Required/Optional	required (In case of specific substance)
Data type	ASCII characters
number of digits (integer number)	10
number of digits (decimal points)	0



<Revised>

Users can select in Japanese, when using the Japanese version. (Under Japanese external list use condition)

(remarks) Displayed application in this select screen will differ depending on the inputted material or substance.

5. Description sheet

(1) Data input rule when the target is a MATERIAL

<Revised>
 Data input rule for cases when the investigation target is a material (No part number attached) has been added.

System No.	Item name	Definition	Notes of data input and evaluation	Entered by	Display method	Unit	Date type	number of digits (integer number)	number of digits (decimal point)	Description of data input rule (not selected part number)
1	ACD number	Serial number assigned to data	- Serial No. assigned to each data row for data identification. This serial No. assigned to each data row. [Note] After a data analysis, you can modify the list selected data to serially starting data.	researcher	input (Automatically entered in data check)		Number	8	0	- Description rule in case of the investigation target is material (not selected part number) - If the description rule is not indicated, please follow follow "Notes of description and evaluation".
2	Part number (DELIVERY PART)	Part number of supplier delivery to researcher	- Part number is assigned to researcher for supplier part delivery. As a rule, supplier cannot change the value (researcher cannot change the value). [Note] When a site analysis, data identified to researcher part number. [Note] If necessary, supplier change the value depends on request agreement.	researcher or supplier (researcher indicated) [Researcher enters this data in advance of the supplier file in a supplied list from researcher.]	input		ALPHABET	25	0	- Part "MATERIAL" - If the research number of requester is attached, you can input this material number.
3	Part name (DELIVERY PART)	Part name of supplier delivery to researcher	- Part name is obtained by researcher for supplier part delivery. This name corresponds to a delivery part number (line 2). - As a rule, the number of digits same as drawings. - This rule, however, simply request weight if this weight is	researcher or supplier (researcher indicated)	input		ALPHABET	40	0	- Part "P" - In case of delivery part file to input several rows, this Part number is inputted based on all row.
4	Weight (DELIVERY PART)	Weight of delivery parts, especially the weight value in the drawings		researcher or supplier (researcher indicated)	input		Number	1	0	- Part "G" - Please use "Auto adjustment" button to receive from data.

(2) Polymeric part(s) marked (Item No. :32)

Microsoft Excel - Jemashite_Len(表紙等の変更案).xls

ファイル(F) 編集(E) 表示(O) 挿入(I) ツール(T) データ(D) 印刷(P) ヘルプ(H)

標準の初期設定を適用する

MSプロテクト 10

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① Data part : material

① Basic information

Item name	Definition	Notice of data input and explanation	Entered by - manual (including automobile manufacturer) - automatic (for records to be investigated)	Default method - manual indicates - auto - automatic	Notes	Date type	number of digits (integer number)	number of digits (decimal point)	Units (symbol)
Automobile manufacturer code	Code of automobile manufacturer	Plant number	Manufacturer code (10 character input)						
Supplier code	Code of supplier								
Material name	Common name								
Due date	Delivery date								
Batch date	Batch date								

<Revised>
“Notice of data input and explanation” has been revised to harmonize with the IMDS modification.

② Investigation part

Order No.	Item name	Definition	Notice of data input and explanation	Entered by - manual (including automobile manufacturer) - automatic (for records to be investigated)	Default method - manual indicates - auto - automatic	Notes	Date type	number of digits (integer number)	number of digits (decimal point)	Units (symbol)	Involved in (at least) as material (not included part number) If the data item is not indicated, please follow the "Notice of data input and explanation".
30	Content of raw material (resin)	Content portion of raw material (resin) in resin (Mfr. name)	- Depends on resin. Indicate supplier input the minimum value of content of raw material (resin) in case of material is VDA classification 1A, 2A, 3A, 4A, 5A.	supplier	input		Number	1	4		Go to entry form
31	Content of raw material (resin)	Content portion of raw material (resin) in resin (Mfr. name)	- Depends on resin. Indicate supplier input the minimum value of content of raw material (resin) in case of material is VDA classification 1A, 2A, 3A, 4A, 5A.	supplier	input		Number	1	4		Go to entry form
32	Polymeric part marked	Code of Polymeric part marked on component part	- Supplier input "Y" if the component is marked as material on drawing. - Supplier input "N" if the component is not marked as required. - Supplier input "NA" if the component is not required marking due to specifications of weight, geometric dimension, or surface requirements.	supplier	input	- Polymeric parts defined in ISO14000 "Plastics - Symbols identification and marking of plastic product".	"Y" or "N" or "NA"	1	1	part "Y"	Go to entry form
33	Recycling marked	Code of Recycling marked on component part	- Depends on resin. Indicate if the component is marked as material on drawing. - Supplier input "Y" if the component is marked as required, supplier input "N" in case of not marked for design, supplier input "NA" if not marked.	supplier	input	e.g. 	"Y" or "N" or "NA"	1	1	part "Y"	Go to entry form
34	Material	Usage code of automobile material registered in MES	- Supplier select the application code (number of EIL ELY decision) from the IMDS decision list.	supplier	select		numeric	1	1		Go to entry form

MSプロテクト

メッセージ

(Supplemental remarks)

Data compatibility between Ver.2.02 and Ver.2.01

(1) External list

Not compatible.

Users must use the External list for Ver.2.02.

External list for older versions (Ver.2.01 or Ver.2.00) will not operating normally when using checking or selecting functions.

(2) CSV file

Compatible.

The JAMA Standard Material Datasheet can import a CSV file created using an older version (Ver.2.01 or Ver.2.00).

However, some errors may occur with the input data of an older version because of the modification of a material or substance in the external list.

If errors occur, the User must correct the data.