

Rules and Delphi Specific IMDS Requirements

IMDS Rules

| Rejection | Description | Comment/Exemption |
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| Incorrect structure | Declaration of component, semi-component, materials or substances at the same structural level it's not allowed. See IMDS Recommendation 001 rule 4.1.A | |
| Missing/ Incorrect component name/ Copy | Please remove the prefix 'Copy' from the component's name. | |
| Missing/ Incorrect component name/ Descriptive | Please use a name that describes what the component/semicomponent is (I.E. If it is a wire, add the word 'Wire' to the name. If it is an Integrated Circuit, add those words or its abbreviation 'IC'). | If the report has already been approved with incorrect description in the past, the report can be accepted with the same name currently |
| Missing/ Incorrect component name/ English | The component/semicomponent name should be entered in English or contain its english translation (Example: Gehäuse - Housing). | If the report has already been approved with incorrect description in the past, the report can be accepted with the same name currently |
| Missing/ Incorrect component name/ Material | The component/semicomponent's name should not be the same as a material it contains. Either change the material's name or the component/semicomponent's. | If the report has already been approved with incorrect description in the past, the report can be accepted with the same name currently |
| Missing/ Incorrect component name/ Other | The component's name should be the same as in the DELPHI's Product Drawing. | If the report has already been approved with incorrect description in the past, the report can be accepted with the same name currently |
| Wildcards and/or confidential substances limit exceed | The sum of confidential substances, including wildcards for highly confidential substances must not exceed 10 % of a material. This includes material that will be used by Delphi as a MASTERBATCH. Wildcard NOT YET SPECIFIED must not be used in a production part report. See IMDS Recommendation 001 section 4.5 | MASTERBATCHES must be submitted as a sub-material to be exempt from this requirement. |
| Prohibited substance | Prohibited substance found. It's concentration/application will be evaluated in compliance to legal requirements. | |
| Missing/Incorrect substance application | A correct application code must be assigned and must reflect the real use of the material within the component. | Use Annex II or IMDS Application Guidance document as reference for correct application. |

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| Incorrect material name / Copy | Please remove the prefix 'Copy' from the material's name. | Exemption: IMDS Committee materials and raw material suppliers with Delphi approval. |
| Incorrect material name / Descriptive | Material name is ambiguous, generic and/or non-descriptive. Add the name, symbol or synonym of the substance with the highest percentage to the material's name. | Exemption: IMDS Committee materials and raw material suppliers with Delphi approval. |
| Incorrect material name / English | Material name must be entered in English, or contain its translation (Example: Isolierlack - Insulating Varnish). | Exemption: IMDS Committee materials and raw material suppliers with Delphi approval. |
| Incorrect material name / Metal | Incorrect name for a metal. Tradenames are not allowed. Please add industry norm, metal grade or Std. Mat. No. to the material's name. If there is not a public norm related to this material, use the remark field to enter the statement: 'There is not a public norm related to this material'. | Exemption: IMDS Committee materials and raw material suppliers with Delphi approval. |
| Incorrect material name / Plastics | Incorrect name for a Polymeric material. Please add the name or symbol of the polymer substance with the highest percentage to the material's name. | Exemption: IMDS Committee materials and raw material suppliers with Delphi approval. |
| Material with substances not present in finished part | Substances used in the production of a material/part that are not contained in the end material/part must not be reported. (for example: Ions do not exist in a pure manner and cannot be an individual content of a material. Tin(II) methanesulfonate CAS no. 53408-94-4 Tin(II) methanesulfonate is used in electrodeposition process as ingredient of electrolytic bath, water, solvents etc.) See IMDS Recommendation 001 rule 4.4.1.D | Tapes and films made from chemically cross-linked polymeric materials. Such tape and film should have the word "homogenous" in the name. |
| Different materials mixed | If a material parent node has material child nodes, the material represented by the parent node must be homogeneous. Two or more materials forming separate layers cannot be regarded as homogeneous. Example: zinc coating on steel or paint layers cannot be reported as a material with sub-materials, as the top material is not homogeneous (cannot report a material "zinc coated steel"). See IMDS Recommendation 001 rule 4.4.1.D | |
| Incorrect classification | Material classifications no longer accepted by Delphi includes: 5.1 Thermoplastics, 5.5 Polymeric compounds (e.g. inseparable laminated trim parts) and 5.5.1 Plastics (in polymeric compounds) for classification of filled/unfilled thermoplastic materials. Classification 8.2 is not allowed for electronic components reporting for parts weighing more than 5 grams, see IMDS Rec 001a. | |

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| Missing/Incorrect Std.Mat.No. | This is the standard material number described for materials in public standards. The standard material number must not be mixed up with the internal material number (see above). The field is only accessible for material classifications 1-4 | If Std.Mat.No and/or Norm/Standard are not reported, and no text is given in the Remark field , the report must be rejected. |
| Missing Norm/Standard/ Metals | For materials with classifications 1 to 4 with a weight > 5 grams is mandatory when defined in public norms. The Norm/Standard information can be used in this field and in the Std.Mat.No field. If there is not a public norm related to this material, use the following text in the REMARK field: There is not a public norm related to this material. | If Std.Mat.No and/or Norm/Standard are not reported, and no text is given in the Remark field , the report must be rejected. |
| Missing Norm/Standard/ Plastics | Norm/Standard is mandatory for thermoplastic and elastomer/elastomeric materials; for thermoplastics unfilled / filled, use ISO 1043-1 / ISO 1043-2, for thermoplastic elastomers use ISO 18064, and for elastomer/elastomeric compounds use ISO 1629 or appropriate public norm. | If Std.Mat.No and/or Norm/Standard are not reported, and no text is given in the Remark field , the report must be rejected. |
| Missing/Incorrect symbol | Symbol mandatory for materials in parts with a weight > 5 g that are filled/unfilled (ISO 1043, see Recommendation IMDS 010), thermoplastic elastomers (ISO 18064, see Recommendation 013), and elastomers (ISO 1629, see Recommendation IMDS 003). The code of the flame retardant must be the correct, follow the IMDS Recommendation 001. Please enter correct Filled thermoplastics symbol. See ISO 1043-2 and IMDS Recommendation 001 Chapter 5.1 and IMDS 001 Annex I Chapter 2.2/2.5. | |
| Missing Plastics Symbol | Symbol mandatory for materials with classification 5.x: filled/unfilled (ISO 1043, see Recommendation IMDS 010), thermoplastic elastomers (ISO 18064, see Recommendation 013), and elastomers (ISO 1629, see Recommendation IMDS 003). The code of the flame retardant must be the correct, follow the IMDS Recommendation 001. Please enter correct Filled thermoplastics symbol. See ISO 1043-2 and IMDS Recommendation 001 Chapter 5.1 and IMDS 001 Annex I Chapter 2.2/2.5. | |
| Incorrect PlasticsSymbol | The entered Symbol is incorrect. Please see IMDS Recommendation 001 Annex 1 and ISO 1043 (Filled/Unfilled Thermoplastics), ISO 18064 (Thermoplastic Elastomers) and ISO 1629 (Elastomers). | |
| Incorrect substance portion range | Follow Rule 4.5.4.B, IMDS Recommendation 001. | |
| Delphi Specific IMDS Requirements | | |

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| Invalid part number | Submit number under which Delphi purchases that component or assembly. For raw materials submit under Delphi P/N or Delphi Material Specification number in the Internal Material Number field, if directed by Delphi. No embedded spaces, dots or dashes. Only One Part Number per submission is allowed. | Exemption: As per Quality Delphi's Engineer request. |
| Weight tolerances | The deviation may not exceed a certain value. The threshold depends on the component's measured weight: < 1g 100% < 100g 10% < 1kg 5% < 10kg 2% < 100kg 1% ≥ 100kg 0.5% | This requirement applies to components (assemblies) and subcomponents |
| Conditionally accepted | SoC information was received and accepted under conditions. It must be modified based on Delphi Customer requirements. | |
| Missing/Incorrect marking of polymeric parts/ 5.1 & 5.2 | Incorrect 'Polymeric Part(s) marked' field answer. Select one of the following answers for Classifications 5.1 & 5.2: Less than 100 g. Answer: Yes, No or Not Applicable'. More than 100g. Answer: 'Yes'. | |
| Missing/Incorrect marking of polymeric parts/ 5.3 | Incorrect 'Polymeric Part(s) marked' field answer. Select one of the following answers for Classification 5.3: Less than 200 g. Answer: Yes, No or Not Applicable'. More than 200 g. Answer: 'Yes'. | |
| Duplicated part number | The same part number with different IDs is not allowed. One Delphi PN = One IMDS ID number. | Exemption: If the DUNs numbers are not the same in the two reports, the same part could be shipped from different plant, which is valid. |
| Magnetic materials | Classification of magnetic materials as described in Annex I-material classification of IMDS Recommendation 001. | |
| Missing/Incorrect Drawing Change level or Drawing Date | Declare the current revision level or the date of the drawing. | Exemption: E&S reports, semi-components and raw materials |
| Missing/Incorrect supplier code | Declare the DUNS number (9-digits number format: XX-XXX-XXXX) of your manufacturing plant in the supplier code field (Recipient data section in the report). | |
| Pure substances | A polymer material (classification 5.x - 6.x) should have at least two substances attached to it. Based on varying customer requirements, Delphi may accept or reject materials comprised of only one substance. Declarable and prohibited substances must be included if above reportable thresholds. See IMDS Rec001 rule 4.4.1.a. | Exemption: Delphi drawing / material specifications require 100% of substance (100% PET, POM, etc.) |
| Incorrect material composition | Content of the basic substances do not correspond to the material. For example: filler missing, etc. | |

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| Chemical presence type within Process Chemicals | Material containing 'process chemical' substances which must be described one of the "chemical presence type". Please setup correct type, this field must be filled. | |
| Pre and post-consumer recyclates | If the answer on the question „Does the material contain recyclate?“ is YES, the percentage value of pre and post recyclate must be entered. | |
| Incorrect colored plastics structure | Colored plastics (basic compound and pigment) please report according to Recommendation 001a (Annex 1 to IMDS Rec 001, paragraph 2.2) total all basic substances in one material data sheet (Thermoplastics consisting of basic substances) or tree-like structure (Thermoplastics consisting of sub-materials). | |
| Deactivated substance/module | The substance/module has been deactivated and shall be excluded from further use. Continued processing of deleted MDSs and their references degrade IMDS data quality. | |
| Incorrect material | Material(s) reported in IMDS does not correspond to the material(s) stated in the part drawing | |
| Incorrect weight | Weight reported in IMDS does not match the weight stated in the part drawing | |
| Warnings | | |
| Others | An error not described in this list has been found. Review your data sheet and follow IMDS Recommendations | |

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