

MATERIAL SPECIFICATION

Alcoa-Köfém Ltd.
GRP-ATI Casthouse

I.D. No.:

Ö-SPEC-61-EURAMN8515ALTBT

Date: 2003.02.19.

Modification: 5/2012.12.10.

AlMn 85% SPECIFICATION



Prepared by: Berki Csaba
Checked by: Gábor Balázs

Approved by: Dr. Szépvölgyi János

1. Item: EURAMN8515ALTBT

2. Chemical composition:

| | %MIN. | %MAX. | %TARGET |
|----|-------|-------|---------|
| Mn | 84 | 86 | 85 |
| Si | | 0,10 | |
| Fe | | 0,20 | |
| Cu | | 0,10 | |

| Other elements | %MAX |
|----------------------|------|
| Others each | 0,05 |
| Others total | 0,15 |
| Aluminium: remainder | |

3. Form / size:

Tablet form, 1 tablet is 1,18 KGs, containing 1 KG alloying material and 18 DKG aluminum.

4. Packaging and delivery:

3 tablets per roll, 1 roll weighs 3,54 KGs. Colour code of the roll is gray.

Rolls to be packed into small card board boxes. These small boxes should be packed into wooden crates or strong card board boxes with wooden support on each side to avoid collapse. Outside boxes to be placed onto EURO pallets weighing maximum 1,5 MT, suitable for moving by forklift truck by all the 4 sides.


Pallets to be delivered by normal tilt trailer, which can be unloaded from the side.

5. Marking:

Pallets should be marked by all 4 sides. Marking should include the data as follow:

- Name of product
- Gross and net weight
- Name of producer
- Pallet's serial number
- Purchase Order Number of Buyer
- Chemical composition.

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|---|---|---|
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6. Accompanying documents:

Each delivery should be supplied by:

- Producer's certificate of analysis per each charge
- Material Safety Data Sheet
- Shipping document
- Packing list
- *ISO 9001 Quality Management System* (only with first delivery and in case of a new or renewed qualification)
- One of the documents must contain:
 - Item name
 - Origin of the material
 - Specification I.D. No. and the modification date

7. Other informations:

ALCOA-KÖFÉM Llc. Casthouse maintains a quality management system as per AS9100C aerospace requirements.

Section 7.4.2. of AS9100C Standard requires you, suppliers of Alcoa-Kofem Llc. to meet certain notification/information requirements, with special attention to the following:

- Obligation to provide information if you become aware of a deviation that occurred in your process earlier and could adversely affect the product quality or production processes of Alcoa-Kofem Llc.
- Should you be forced to deliver product deviating from the product specification then a deviation permit shall be obtained from Alcoa-Kofem Llc. prior to the receipt of the shipment
- Alcoa-Kofem Llc. shall be notified on changes of the manufacture process or product quality, relocation of the production to another manufacturing plant.

Alcoa-Kofém Llc. requires from its suppliers/vendors that Alcoa-Kofem Llc. representatives and its customers will have the right to perform process audit or regulatory authority audit in the supplier's/vendor's plant or at the place of manufacturing at all reasonable times, upon advance notice. The supplier shall ensure the access to manufacturing areas and relevant records/documents for the purpose of the audit.