


MATERIAL SPECIFICATION

Arconic-Kőfém Mill Products Hungary Llc.	Silicon specification (low Ca, Ti, and P content)	
I.D. No: O-SPEC-88-EURASI9850CHK		Date of issue: 2009.06.25. Modification: 5/24.04.2020
Prepared by: Berki Csaba	Checked by: Szalai Viktor	Approved by: Szántó Róbert

1. **Item:** EURASI9850CHK

2. **Chemical composition:**

	%MIN.	%MAX.
Si	99,0	
Fe		0,35
Ca		0,03
Cu		0,05
Mn		0,05
Ti		0,03
Pb		0,01
P		0,002

3. **Form / size:**

Chunks form. Size of chunks should be between 10-80 mm.

4. **Packaging and delivery:**

Chunks to be delivered in big bags.

Big bags with a height of maximum 1 meter should have 4 supporting loops of approximately 30 cm long each on top, and a bottom spout with width of approximately 50 cm and with length of approximately 50 cm for emptying purposes on the bottom of the bag. Bags to be placed onto EURO pallets, lots weighing maximum 1 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 on two sides. Marking should include the data as follow:

- Name of product
- Gross and net weight
- Name of producer
- Pallet's serial number

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6. Accompanying documents:

Each delivery should be supplied by:

- Producer's certificate of analysis per each charge
- Safety Data Sheet: only with first delivery and in case of a new or renewed SDS
- Shipping document
- Packing list
- ISO 9001 certificate (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
 - Purchase order number
 - Name of the producer

7. Other informations:


ARCONIC-KÖFÉM MILL PRODUCTS HUNGARY Llc. Casthouse maintains a quality management system as per AS9100D aerospace requirements.

Section 8.4.3. of AS9100D Standard requires you, suppliers of Arconic-Kofem Mill Products Hungary 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 Arconic-Kofem Mill Products Hungary Llc.
- Should you be forced to deliver product deviating from the product specification then a deviation permit shall be obtained from Arconic-Kofem Mill Products Hungary Llc. prior to the receipt of the shipment
- Arconic-Kofem Mill Products Hungary Llc. shall be notified on changes of the manufacture process or product quality, relocation of the production to another manufacturing plant.

Arconic-Kofém Mill Products Hungary Llc. requires from its suppliers/vendors that Arconic-Kofem Mill Products Hungary 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.

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Revision	Reason for Change	Changed Page(s)	Date of Change
4	Company name change. Chapter: 4. lots weight added 5. pallets marking on two sides 6. Added to Accompanying documents: Purchase order number and name of the producer. SDS requirement 7. AS9100D	1 and 2	11/03/2019
5	Company name change	1 and 2	24/04/2020