



FERROSILICON FeSi pieces

Date of issue: 01 Sept 1995

Modification: 05

Date of validity: 21 Nov 2012

1. PURPOSE OF USE

It is used as an agent for alloying with silicon in the production of grey and nodular cast iron.

2. GENERAL QUALITY REQUIREMENTS

Conformity with the quality specification.

3. PROPERTIES OF MATERIAL

FeSi should contain 70 - 82 % of Si with as low content of harmful elements as possible.

4. PACKAGING, PACKING AND TRANSPORT

FeSi should be packed in boxes or in bigbags which have to be labeled with the name of material, batch number, date of production and net weight. Transport must be protected against the atmospheric impacts.

5. WARRANTY OF QUALITY

For each shipment, the quality assurance certificate is required regarding the:

- Si content
- Al content
- P content
- S content
- C content
- Ca content

6. MANNER OF ACCEPTANCE

FeSi alloy in pieces will be accepted by the acceptance control of LIVAR according to the prescribed quality characteristics.

7. CONTROL PROCEDURE

Chemical and sieve analysis is conducted in case of doubt in the correctness of statements in the certificate. The acceptance control provides for quality verification at a verified external institution.

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8. MANNER OF MEASUREMENT**QUALITY CHARACTERISTICS, VALUE, MANNER OF MEASUREMENT**

NAME: Ferrosilicon FeSi75 – pieces

Code: 1711101

QUALITY CHARACTERISTICS	VALUE	MANNER OF VERIFICATION
Si content	70 - 82 %	Certificate
Al content	max. 1.7 %	Certificate
P content	max. 0.05 %	Certificate
S content	max. 0.04 %	Certificate
Ca content	Max 1 %	Certificate
Granulation	3 – 10 mm, 10 – 30 mm and 10 – 80 mm	Visually