

**CARBURIZING AGENT FOR NODULAR CAST IRON**

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1. PURPOSE OF USE

It is used as an agent for carbonisation and correction of nodular grey cast iron in electric induction furnaces.

2. GENERAL QUALITY REQUIREMENTS

Conformity with the manufacturer's catalogue.

3. PROPERTIES OF MATERIAL

Carburizing agent for nodular cast iron must contain at least 95% of C and must have appropriate granulation.

4. PACKAGING, PACKING AND TRANSPORT

Carburizing agent for nodular cast iron should be packaged in 25-kg paper bags and on pallets, or in 1000-kg big bags, labelled with manufacturer's designation, name, lot number, net weight and date of production. Transport on pallets must be protected against the atmospheric impacts.

5. WARRANTY OF QUALITY

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

- C content
- S content
- Granulation

6. MANNER OF ACCEPTANCE

Carburizing agent for nodular cast iron will be accepted by the acceptance control of LIVAR.

7. CONTROL PROCEDURE

Upon acceptance, visual inspection is conducted. In case of any dispute, analysis control is conducted by external institutions.

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

NAME: CARBURIZING AGENT FOR NODULAR CAST IRON 1-10 mm

QUALITY CHARACTERISTICS	VALUE	MANNER OF VERIFICATION
C content	min. 95 %	Certificate
S content	max. 0.22 %	Certificate
Granulation	1 - 10 mm	Sieve analysis

NAME: CARBURIZING AGENT FOR NODULAR CAST IRON 0,5 - 4 mm

QUALITY CHARACTERISTICS	VALUE	MANNER OF VERIFICATION
C content	min. 95 %	Certificate
S content	max. 0.08 %	Certificate
Granulation	0,5 - 4 mm	Sieve analysis