

**PIG IRON FOR GREY CAST IRON**

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1. PURPOSE OF USE

It is used for insert in the production of grey cast iron in cupola furnace.

2. GENERAL QUALITY REQUIREMENTS

Conformity with the quality specification.

3. PROPERTIES OF MATERIAL

Weight and shape should be suitable for charging.

4. PACKAGING, PACKING AND TRANSPORT

Pig iron is in the shape of loafs with approximate weight of 10 kg and max. weight of 20 kg in bulk. The defined location on the packaging must be equipped with a waybill that includes the designation of pig iron manufacturer, name, batch number, net weight and date of production.

5. WARRANTY OF QUALITY

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

- C content
- Si content
- Mn content
- P content
- S content
- Cr content

6. MANNER OF ACCEPTANCE

Pig iron will be accepted by the acceptance control of LIVAR.

7. CONTROL PROCEDURE

In case of each shipment, a chemical analysis is conducted at the Livar laboratory, and the weight and shape of blocks is checked.

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

NAME: PIG IRON FOR GREY CAST

QUALITY CHARACTERISTICS	VALUE	MANNER OF VERIFICATION
C content	3.60 - 4.50 %	Labor. analysis
Si content	1.50 - 2.60 %	Labor. analysis
Mn content	0.40 – 1.00 %	Labor. analysis
P content	max. 0.10 %	Labor. analysis
Cr content	max. 0.15 %	Labor. analysis
S content	max. 0.08 %	Labor. analysis
Weight of blocks	max. 20 kg	Weighing