

**COVERING SHEET METAL**

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**1. PURPOSE OF USE**

It is used as a covering material in the nodulation process. It is added on the nodulator in order to prevent the contact between the melt and nodulator. Thus, the process is detained until a certain ferrostatic height is achieved.

**2. GENERAL QUALITY REQUIREMENTS**

Conformity with the quality specification.

**3. PROPERTIES OF MATERIAL**

Sheet metal must not contain any waste of other non-ferrous materials (aluminium, bronze, bearing alloys). The size of sheet metal pieces may be max. 50 x 50 x 3 mm and min. 20 x 20 x 1 mm, and free of non-metallic impurities (oil, mud, wood, etc.).

**4. PACKAGING, PACKING AND TRANSPORT**

Sheet metal is delivered in metallic crate or in bulk by truck.

**5. WARRANTY OF QUALITY**

Material is classified according to the size and chemical analysis conducted by the Livar laboratory.

**6. MANNER OF ACCEPTANCE**

Sheet metal will be accepted by the acceptance control of LIVAR.

**7. CONTROL PROCEDURE**

Material will be sampled (2 samples from each shipment) for the verification of chemical composition of sheet metal and the visual inspection regarding the purity and size of sheet metal.

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

NAME: COVERING SHEET METAL

QUALITY CHARACTERIS	VALUE	MANNER OF VERIFICATION
Mn content	Max. 0.50%	Labor. analysis
Cr content	Max. 0.08 %	Labor. analysis
Cu content	Max. 0.15 %	Labor. analysis
Si content	Max. 2.00 %	Labor. analysis
S content	Max. 0.05 %	Labor. analysis
P content	Max. 0.05 %	Labor. analysis
Piece size, sheet metal	Max 50 x 50 x 3 mm Min. 20 x 20 x 1 mm	Visual control