



SECONDARY CAST ALLOYS

MANUFACTURING TECHNOLOGY:

Secondary cast alloys, cast using the following technologies:

- melting in induction furnaces
- continuous gas gravity refining in casting furnaces 25 Mg
- continuous gas rotor refining
- 20 ppi filtration
- modification of AlTiB, AlSr, structure, etc.
- continuous permanent mold casting
- air/water cooling

ALLOY TYPES:

Series EN AC: **42xxx 43xxx 44xxx 45xxx 46xxx 47xxx 48xxx**

Chemical composition of alloys, as well as mechanical properties of alloys conform to EN 1706, EN 1676, DIN, AA, UNI, BS/DTD, JIS, NF, ASTM standards or other specifications of Clients.

PRODUCTION STANDARD:

Pig mass [kg]: ca 5 kg

Length [mm]: 690

Height [mm]: 50- 60



CONTROLLED QUALITY PROPERTIES:

Chemical composition, micro-and macrostructure, Gasification (ID), Radioactivity, Resistance properties (Rm, Rp02, A50 mm, HBS) Electrical conductivity

PACKAGING:

Stack mass [kg]:

STANDARD – 600 kg (options– 400-900 kg)

Stack size [mm]:

width/depth/height/feet height

STANDARD 690/ 690/ 800/ 120 (options 690/ 690/ 500- 1000/ 60-120)

Packaging:

5 x PET film

Additional requirements:

According to Client's specification

Identification:

Alloy grade/ melt number/ stack number/ colour designation



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