

Secondary Aluminum Alloy Ingot for Casting

100% A. 7
KES

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1. Scope of Application

This standard specifies the ingots of secondary aluminum alloy base metal (hereinafter referred to as "ingots") used for sand mold, shell mold, metallic mold and others.

2. Type and Symbol

Ingots shall be classified into 18 types according to chemical components as shown in Table 1.

3. Quality

3.1 Ingots shall be consistent in quality, have the clean surface, and shall not contain solvent or other impurities that may cause harm in use.

3.2 Chemical components of ingots shall conform to Table 1.

4. Test

Analysis test of the chemical components shall conform to the following standards.
KES T-M022 (Components Analysis Method in Aluminum and Aluminum Alloy)
KES T-M069 (Photo-electric Photometry type, Luminescent Spectrum Analysis
Method of Aluminum and Aluminum Alloy)

Remark : Analysis Method of the elements that are not specified here shall be determined under the agreement between the parties concerned.

5. Inspection

5.1 Method of sampling

In case of sampling at the time of pouring, take three or more of the samples for each melting.

Attention shall be paid to the mold shape and size and the pouring time so that the samples are of the same quality as ingots.

In case of taking samples from ingots, take three or more of the ingots per melting number indicated on the ingots.

5.2 Ingots shall be tested according to 4, inspected for the appearance, and meet the standard specified in 3.