Secondary Aluminium Alloys in Ingot for Die Casting

KES

KES B-F009

(EST.) 1989-06-08

Contents

1. Scope of Application
2. Types
3. Quality
4. Test
5. Inspection
6. Indication

KIA MOTORS

Full document details: KIA KES B-F009 1989

Documents
Document Sharing Hub

1. Scope of Application

This standard specifies secondary alluminum alloy ingot for die casting (hereinafter, referred to as "ingots").

2. Type

Ingots shall be classified into 7 types according to their chemical components.

3. Quality

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

3.2 Chemical components shall conform to Attached Table.

4. Test

Chemical components analysis shall conform to the following standard.

KES T-M022 (Components Analysis Method in Aluminum and Aluminum Alloy)
KES T-M069 (Photo-electric Photometry Luminescent Spectrum Analysis Method of Aluminum and Aluminum Alloy)

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 the same quality as ingots.

In case of taking samples out of ingots, take from 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.

5.3 The manufacturer shall submit the analysis test result to Kia.

Full document details: KIA KES B-F009 1989