CHEMISTRY

<table>
<thead>
<tr>
<th>Element</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ti</td>
<td>2.7-3.5</td>
</tr>
<tr>
<td>B</td>
<td>0.8-1.2</td>
</tr>
<tr>
<td>Fe</td>
<td>0.30 max</td>
</tr>
<tr>
<td>Si</td>
<td>0.30 max</td>
</tr>
<tr>
<td>V</td>
<td>0.13 max</td>
</tr>
<tr>
<td>Others each</td>
<td>0.05 max</td>
</tr>
<tr>
<td>Others total</td>
<td>0.10 max</td>
</tr>
</tbody>
</table>

Sample to be taken from mid coil.

FORM

Aluminium rod of diameter 9.7±0.3mm
Coil weight 180kg ± 10%
Colour code blue/white

MICROSTRUCTURE

**TiAl₃**
- 90% < 50μm
- 95% < 100μm
- 99% < 200μm

**TiB₂**
- 95% of particles < 2μm
- 99% of particles < 5μm
  - The total length of TiB₂ agglomerates should not exceed 25μm/cm²

**Oxides**
- The total length of oxides should not exceed 500μm/cm²

**Others**
- Graphite, silicon, carbides, refractory materials and foreign bodies shall not be permitted

GRAIN REFINING

1. Grain refining according to AA TP-1 test to achieve a grain size of 110μm (max) after 2 minutes
2. AMG's Advanced DC casting test

MARKING AND PACKAGING

3 coils per pallet, separated by wooden spacers, water proof wrapped and strapped. Each coil shall be identified by means of label showing:

1. Alloy type
2. Coil weight
3. An identification number
4. Supplier's name