### 6201 Aluminium alloy basic properties

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Aluminium 1350</th>
<th>6201 Alloy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quenching</td>
<td>H19</td>
<td>T81</td>
</tr>
<tr>
<td>Density at 20°C (g/cm³)</td>
<td>2,705</td>
<td>2,690</td>
</tr>
<tr>
<td>Minimum conductivity at 20°C (%IACS)</td>
<td>61,0</td>
<td>52,5</td>
</tr>
<tr>
<td>Maximum resistivity at 20°C (Ωmm²/m)</td>
<td>0,028264</td>
<td>0,032840</td>
</tr>
<tr>
<td>Resistance variation coefficient at 20°C (°C⁻¹)</td>
<td>0,00403</td>
<td>0,00347</td>
</tr>
<tr>
<td>Linear dilatation coefficient (°C⁻¹)</td>
<td>0,000023</td>
<td>0,000023</td>
</tr>
<tr>
<td>Brinnell hardness</td>
<td>42</td>
<td>85</td>
</tr>
<tr>
<td>Minimum breaking stress (Mpa) (*)</td>
<td>155 a 186</td>
<td>303 a 317</td>
</tr>
<tr>
<td>Minimum lengthening in 250mm (%) (*)</td>
<td>1,2 a 2,2</td>
<td>3,0</td>
</tr>
</tbody>
</table>

(*) According to wire diameter.