This page is mainly introduced the GS-34CrMo4 4 Datasheet, including chemical information, mechanical properties, physical properties, mechanical properties, heat treatment, and Micro structure, etc. It also contains the use of GS-34CrMo4 4, such as it is commonly used in bars, sheet, plates, steel coils, steel pipes, forged and other materials application.

### Datasheet for Steel Grades Special Alloy

**GS-34CrMo4 4**

<table>
<thead>
<tr>
<th>GS-34CrMo4 4 Standard Number:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ITEM</td>
<td>Standard Number</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GS-34CrMo4 4 Chemical composition (mass fraction) (wt.%)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chemical</strong></td>
</tr>
<tr>
<td>C</td>
</tr>
<tr>
<td>Si</td>
</tr>
<tr>
<td>Mn</td>
</tr>
<tr>
<td>P</td>
</tr>
<tr>
<td>S</td>
</tr>
<tr>
<td>Cr</td>
</tr>
<tr>
<td>Ni</td>
</tr>
<tr>
<td>Mo</td>
</tr>
<tr>
<td>V</td>
</tr>
<tr>
<td>Ta</td>
</tr>
<tr>
<td>W</td>
</tr>
<tr>
<td>N</td>
</tr>
<tr>
<td>Cu</td>
</tr>
<tr>
<td>Co</td>
</tr>
<tr>
<td>Pb</td>
</tr>
<tr>
<td>B</td>
</tr>
<tr>
<td>Nb</td>
</tr>
<tr>
<td>Al</td>
</tr>
<tr>
<td>Ti</td>
</tr>
<tr>
<td>Other</td>
</tr>
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</table>

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<thead>
<tr>
<th>GS-34CrMo4 4 Physical Properties</th>
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</thead>
<tbody>
<tr>
<td><strong>Tensile strength</strong></td>
</tr>
<tr>
<td><strong>Yield Strength</strong></td>
</tr>
<tr>
<td><strong>Elongation</strong></td>
</tr>
<tr>
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<table>
<thead>
<tr>
<th>Heat Treatment Regime</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annealing</td>
</tr>
<tr>
<td>✓</td>
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<table>
<thead>
<tr>
<th>GS-34CrMo4 4 Range of products</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product type</strong></td>
</tr>
<tr>
<td>Plates / Sheets</td>
</tr>
<tr>
<td>Steel Bar</td>
</tr>
<tr>
<td>Coil / Strip</td>
</tr>
<tr>
<td>Pipes / Tubes</td>
</tr>
</tbody>
</table>

We can produce Special Alloy the specifications follows: