UNS S32101 Duplex Stainless Steel Plate

1. Standard:
   UNS-S32101

2. Type:
   Duplex Stainless Steel

3. Surface:
   NO.1-S32101 NO.1:BA-S32101 BA:2B-S32101 2B, etc

4. Processing Way:
   Hot Rolled, Cold Rolled

5. Treatment:
   Pickled, Quenched, Tempered, Annealed

6. Chemical Composition:%

<table>
<thead>
<tr>
<th>UNS</th>
<th>C</th>
<th>Mn</th>
<th>P</th>
<th>S</th>
<th>Si</th>
<th>Cr</th>
<th>Ni</th>
<th>Mo</th>
<th>N</th>
<th>Cu</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32101</td>
<td>0.04</td>
<td>4--6</td>
<td>0.04</td>
<td>0.03</td>
<td>1</td>
<td>21-22</td>
<td>1.35-1.7</td>
<td>0.1-0.8</td>
<td>0.2-0.25</td>
<td>0.1</td>
<td>--</td>
</tr>
</tbody>
</table>

7. Mechanical Property:

<table>
<thead>
<tr>
<th>UNS</th>
<th>Tensile Strength MPa</th>
<th>Yield Strength MPa</th>
<th>Elongation in 2in.or 50mm,%</th>
<th>Hardness Rockwell B</th>
<th>Cold Bend</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32101</td>
<td>700</td>
<td>530</td>
<td>30</td>
<td>--</td>
<td>...</td>
</tr>
</tbody>
</table>

8. Application Area:
When UNS S32101 is used in Plates/Sheets/Coils, they will be taken into use for oil refining, fertilizer, papermaking, petroleum and other fields with high request of resistant for sea, high temperature like exchanger, condenser's equipments, etc.

**TJC STAINLESS** is the most competitive manufacture and supplier of UNS S32101 duplex stainless steel in thickness 0.3mm-80mm and width up to 2200mm. Other special requests about specification, please contact us.

Attachment:
**Mill Certificate Sample for UNS S32101 Duplex Stainless Plate/Sheet/Coil.**

Keyword: S32101, DUPLEX STAINLESS STEEL, PLATE, SHEET, COIL

www.tjcstainless.com