ASME SA285 Grade C

1.Pressure Vessel Steel Home Page

ASME SA285

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2.ASME SA285 Grade C is used by fabricators in the production of steel presssure vessels and boilers for non critical service. ASME SA285 Grade C is a low to intermediate tensile strength pressure vessel grade steel. Used in the fabrication of pressure vessels and boiler tanks, SA285 Grade C should not be considered for use in high pressure applications.

3.The material has good weldability under conventional methods using fusion welding. Plates supplied to this standard are normally delivered 'as rolled' unless otherwise specified.

4.We can ship ASME SA285 Grade C plates from stock to destinations worldwide. Please refer to the technical information below...

Table 1: Chemical & Mechanical Values for ASME SA285 Grade C

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| C | Si | Mn | P | S | Al | Cr | Cu | Ni | Mo | Nb | Ti | V | Tensile N/mm² | Yield N/mm² |
| 0.16 | 0.35 | 0.4/1.2 | 0.03 | 0.03 | 0.02 | 0.3 | 0.3 | 0.3 | 0.08 | 0.01 | 0.03 | 0.02 | 360/480 | 235 |

(Maximum values unless stated otherwise. Yield value is minimum)

(Please note: the technical information above is for guidance only – for exact specifications please check with our Sales Team)

5.To find out more about ASME SA285 Grade C and to receive a competitive quotation, please contact our Sales Team.