ASTM A285 Grade C Pressure Vessel Steel PLATE

1.Pressure Vessel Steel Home Page

ASTM A285

ASTM A285 Grade C

2.We supply ASTM A285 Grade C pressure vessel steel for use in non critical pressurised service. ASTM A285 Grade C is a low to intermediate yield steel used in the fabrication of carbon steel pressure vessels and boilers.

3.The steel is intended for use in standard tanks and boilers rather than high pressurised vessels due to the steels lower yield strength. ASTM A285 Grade C is supplied throughout the oil gas and petrochemical industry.

The material has good forming and welding characteristics under conventional methods.

4.Please refer to chemical and mechanical properties for this material below...

Table 1: Chemical & Mechanical Values for ASTM A285 Grade C

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Grade | C | Si | Mn | P | S | Al | Cr | Cu | Ni | Mo | Nb | Ti | V | Tensile N/mm² | Yield/min N/mm² |
| 285 C | 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 |

(Chemical values are maximum unless stated otherwise. Mechanical properties are minimum values) (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 ASTM A285 Grade C and to receive a competitive quotation, please contact our Sales Team today.