Grade EH36 Shipbuilding Steel

1.Structural Steels

Shipbuilding Steel

AH36 | DH36 | EH36

2.Grade EH36 shipbuilding steel available as heavy plates, sheets or pre–fabricated sections. Grade EH36 – We are suppliers of high quality EH36 structural steel plate to the shipbuilding industry to specification ASTM A131: Part 4. We able to also offer compliance with classification society standards such as ones set by Lloyds Register.

3.The material is available as heavy plates or sheets and pre-fabricated steel sections. The steel can also be pre-treated. EH36 is widely used in the shipbuilding industry both in hull construction and in the superstructure itself.

4.Please refer to the technical information for Grade EH36 below...

Chemical Composition

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Grade | C | Si | Mn (min) | P | S | Cr | Mo | Ni | Cu | Cb | V |
| EH36 | 0.18 | 0.10/0.50 | 0.90/1.60 | 0.035 | 0.035 | 0.20 | 0.08 | 0.40 | 0.35 | 0.02/0.05 | 0.05/0.10 |

Note: Grain refining requirements apply to still this steel grade.

Values are % by mass – maximum value unless otherwise stated

Mechanical Properties

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Grade | Re | Rm | Elongation | |
| A50mm | A200mm |
| MPa | MPa | % | % |
| EH36 | 355 | 490/620 | 22 | 19 |

5.Values are minimum unless otherwise stated

To find out for about EH36 shipbuilding steel or to receive a competitive quotation, Please contact us.