Grade AH36 Shipbuilding Steel

1.Structural Steels

Shipbuilding Steel

AH36 | DH36 | EH36

2.Grade AH36 shipbuidling quality supplied by us. We supply grade AH36 high strength structural shipbuilding steel to the ASTM A131: Part 4 specification.

3.We supplies Grade AH36 to the world's master shipbuilders in accordance with the classification society of your choice. The material can be supplied as heavy plates, surface treated plates and fabricated sections.

4.The steel is used in the construction of container ships, bulk carriers and commercial ships such as liners and ferries.

5.Please refer to the technical information for Grade AH36 below...

Chemical Composition

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Grade | C | Si | Mn (min) | P | S | Cr | Mo | Ni | Cu | Cb | V |
| AH36 | 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 | % | % |
| AH36 | 355 | 490/620 | 22 | 19 |

6.Values are minimum unless otherwise stated

To find out for about AH36 shipbuilding steel or to receive a competitive quotation, contact Masteel UK Limited today by CLICKING HERE .