

## **ABS AH36 steel plate,ABS AH36 steel sheet,ABS Grade AH36 shipbuilding steel price,ABS Grade AH36 steel supplier and manufacturer.**

### **ABS AH36 shipbuilding Steel Description:**

All ABS steels are standard carbon steels. All of these steels have been engineered to be optimal long-lived shipbuilding steels.As with other grades of steel, they have a specific gravity of 7.8.Higher-strength ABS shipbuilding steel comes in six grades of two strengths, The ABS AH36 grades have yield strength of 51,000 psi (355 MPa), and ultimate tensile strength of 71,000 - 90,000 psi (490-620 MPa).

### **ABS AH36 Shipbuilding Steel Application:**

ABS AH36 Shipbuilding steel plates are suitable for container and bulk cargo vessels as well as cruise ships, ferries and yachts.

### **ABS AH36 Steel Grade Specification:**

Thickness: 4mm to 260mm,

Width: 1200mm to 4000mm

Length: 3000mm to 18000mm.

### **ABS AH36 Ship Steel Delivery Conditions:**

ABS AH36 Delivery Condition: AR(As hot rolled only), TMCP, Q+T(Quenching+Tempering), N(Normalizing),CR( Control rolled only)

### **ABS AH36 Steel Plate Additional Service:**

**Bebon steel — The most professional exporter on weathering resistant steel**

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Hot rolled(HR), control rolled(CR) Thermo Mechanical Control Process(TMCP), Normalized , Q&T, impact test, Z15,Z25,Z35.

**ABS AH36 Shipbuilding Steel Chemical Composition:**

Grade	C %	Si %	Mn %	P %	S %	V %	AL %	Cr %
ABS	0.180	0.1-0.5	0.90-1.6	0.035	0.035	0.05-0.10	0.015	0.200
Grade	Cu %	Mo %	Nb %	Ni %	Ti %			
AH36	0.350	0.080	0.02-0.05	0.400	0.020			

**ABS AH36 Grade Ship Steel Mechanical Properties:**

Grade	Thickness(mm)	MinYield(Mpa)	Tensile(Mpa)	Elongation (%)	Min Impact Energy	
ABS	8mm-50mm	Min 355Mpa	490-620Mpa	21%	-0	34J
Grade	51mm-70mm	Min 355Mpa	490-620Mpa	21%	-0	41J
AH36	71mm-100mm	Min 355Mpa	490-620Mpa	21%	-0	50J
The min impact energy is longitudinal energy						

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BEBON ABS AH36 shipbuilding steel plates and sheets have been exported to worldwide shipyard and ship building company,we have mill ABS Grade AH36 for shipbuilding.If you have any needs in ABS Grade AH36 steel plate price and suppliers, please feel free to contact us.

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