



RMRS FH36 shipbuilding steel plate

The RMRS FH36 shipbuilding steel plates have yield strength of 51,000 psi (355 MPa), and ultimate tensile strength of 71,000 - 90,000 psi (490-620 MPa). RMRS FH36 shipbuilding steel plate can achieve the impact toughness at Celsius degree -60°. All the RMRS FH36 shipbuilding steel plate offered by Katalor Industry can be certificated by RMRS as per customer's request.

The application of RMRS FH36 shipbuilding Steel plate

RMRS FH36 Shipbuilding steel plates are mainly used for making the offshore oil drilling platform, the hull of ship building and ship repairing, the platform pipe joints and other components.

RMRS FH36 shipbuilding steel plate Chemical Composition

Grade	C %	Si %	Mn %	P %	S %	V %	AL %	Cr %
RMRS	0.160	0.1-0.5	0.90-1.6	0.025	0.025	0.05-0.10	0.015	0.200
Grade	Cu %	Mo %	Nb %	Ni %	Ti %	N%		
FH36	0.350	0.080	0.02-0.05	0.400	0.020	0.009		

RMRS FH36 shipbuilding steel plate Mechanical Properties

Grade	Thickness(mm)	MinYield(Mpa)	Tensile(Mpa)	Elongation (%)	Min Impact Energy	
RMRS	8mm-50mm	Min 355Mpa	490-620Mpa	21%	-60	34J
Grade	51mm-70mm	Min 355Mpa	490-620Mpa	21%	-60	41J
FH36	71mm-100mm	Min 355Mpa	490-620Mpa	21%	-60	50J

The min impact energy is longitudinal energy

The rolling size of RMRS FH36 shipbuilding steel plate

Thickness	3-150mm
Width	1220-4200mm
Length	5000-18000mm

Notes: coil thickness ≤ 25mm

RMRS FH36 shipbuilding steel plate is a kind of high tensile strength marine steel. As with other grades of steel, they have a specific gravity of 7.8. RMRS FH36 Shipbuilding steel plates also can be used for producing container and bulk cargo vessels as well as cruise ships, ferries and yachts. Please contact katalor if you want to know more information of RMRS FH36 Shipbuilding steel plate.

Office Address: Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial

Area, Pudong New District, Shanghai



Shanghai Katalor Enterprises
ONCE BELIEVE, TRUST FOREVER!

Email: info@katalor.com



specialized in manufacturing and exporting steel and casting product. Based on the domestic rich product resources and professional research on international market, Katalor's service has already spread many countries in Europe, America, Southeast Asia, Middle East, South America, Africa, and so on.

Contact US:

Phone: 0086-18317160019

Office Address: Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial Area, Pudong New District, Shanghai



Shanghai Katalor Enterprises

ONCE BELIEVE, TRUST FOREVER!

Email: info@katalor.com

TEL: 0086-21-61182423

Fax: 0086-21-61182425

E-mail: info@katalor.com

Skype: shanghai.katalor

Address : Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial Area, Pudong New District, Shanghai

Office Address: Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial Area, Pudong New District, Shanghai