



RMRS FH32 shipbuilding steel plate

The RMRS FH32 shipbuilding steel plates have yield strength of 45,500 psi (315 MPa), and ultimate tensile strength of 64,000 - 85,000 psi (440-590 MPa). All the RMRS FH32 shipbuilding steel plate offered by Katalor Industry can be certificated by RMRS.

The application of RMRS FH32 shipbuilding steel plate

RMRS FH32 Shipbuilding steel plates can be used for producing container and bulk cargo vessels as well as cruise ships, ferries and yachts.

RMRS FH32 shipbuilding steel plate Chemical Composition

| Grade | C % | Si % | Mn % | P % | S % | V % | AL % | Cr % |
|-----------------|-------|---------|-----------|-------|-------|-----------|-------|-------|
| RMRS Grade FH32 | 0.160 | 0.1-0.5 | 0.90-1.6 | 0.025 | 0.025 | 0.05-0.10 | 0.015 | 0.200 |
| | Cu % | Mo % | Nb % | Ni % | Ti % | N % | | |
| | 0.350 | 0.080 | 0.02-0.05 | 0.800 | 0.020 | 0.009 | | |

RMRS FH32 shipbuilding steel plate Mechanical Properties

| Grade | Thickness(mm) | MinYield(Mpa) | Tensile(Mpa) | Elongation (%) | Min Impact Energy | |
|-----------------|---------------|---------------|--------------|----------------|-------------------|-----|
| RMRS Grade FH32 | 8mm-50mm | Min 315Mpa | 440-590Mpa | 22% | -60 | 34J |
| | 51mm-70mm | Min 315Mpa | 440-590Mpa | 22% | -60 | 41J |
| | 71mm-100mm | Min 315Mpa | 440-590Mpa | 22% | -60 | 50J |

The min impact energy is longitudinal energy

The rolling size of RMRS FH32 shipbuilding steel plate

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

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Notes: coil thickness \leq 25mm

RMRS FH32 Shipbuilding steel plates are mainly used for making the hull of ship building and ship repairing, the offshore oil drilling platform, the platform pipe joints and other components.

RMRS FH32 shipbuilding steel plate is a kind of hot rolled high tensile strength steel. RMRS FH32 shipbuilding steel plate can achieve the impact toughness at Celsius degree -60° . welcome to contact katalor if you are looking for RMRS FH32 shipbuilding steel plate supplier.



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

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