



LR Grade B shipbuilding steel plate

LR Grade B shipbuilding steel plate is a kind of hot rolled general tensile strength steel. LR Grade B shipbuilding steel plate have yield strength of 34,100 psi (235 MPa), and ultimate tensile strength of 58,000 - 75,500 psi (400-520 MPa). LR steels come 4 grades in ordinary-strength steel for LR Grade B shipbuilding steel plate is one of them.

The application of LR Grade B shipbuilding steel plate

LR Grade B shipbuilding steel plate can be used for ship repairing, the offshore oil drilling platform, the platform pipe joints and other components. LR Grade B shipbuilding steel plates are almost exclusively used in the Shipbuilding Industry for the construction of structural parts of ships, barges and marine equipment.

LR Grade B shipbuilding steel plate Chemical Composition and Mechanical Property

| Grade | Chemical Composition(%) | | | | |
|-------|-------------------------|---------------------|---------------------------------|--------------------------------|-------|
| | C | Mn≥ | Si | P | S |
| LR B | 0.21 | 0.80 | 0.35 | 0.035 | 0.035 |
| Grade | Mechanical Property | | | | |
| | Tensile Strength(MPa) | Yield Strength(MPa) | % Elongation in 2 in.(50mm) min | Impacting Test Temperature(°C) | |
| LR B | 400-520 | 235 | 22 | 0 | |

Rolling Size of LR Grade B shipbuilding steel plate

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

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Notes: coil thickness \leq 25mm

As a LR Grade B shipbuilding steel plate manufacturer, we usually keep hundreds tons LR Grade B shipbuilding steel plate in stock each month. Based on these stock source, our advantage has spread into steel process like : cutting (any size and any shape) drilling, welding, milling, welding. We can also provide the LR Grade B shipbuilding steel plate in machining parts and steel structure.



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.

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