



Mild Steel Plate – Ferrous Magnetic Material

Mild steel is a ferrous metal made from iron and carbon. It is a low-priced material with properties that are suitable for most general engineering applications. Low carbon mild steel has good magnetic properties due to its high iron contents, it is therefore defined as being 'ferromagnetic'.



SKU: [ERM1153](#)

Brief Data:

- Form: Plate.
- Material: Mild Steel.
- Density: 7.85g/cm³.
- High tensile strength.
- Tensile Strength: 400~550 MPa.
- Brinell Hardness: 130 (Approximate).
- Melting Point: 1500°C.
- Thermal Conductivity: 50W/mK.
- Good ductility and weldability.
- A magnetic metal due to its ferrite content.
- Good malleability with cold-forming possibilities.
- Not suitable for heat treatment to improve properties.



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