

# Marine Grade Aluminum 6082

Marine grade aluminum 6082 has moderate strength and good weldability, corrosion resistance, and light weight, making it an ideal material for high-speed craft components. Its T6 temper has higher mechanical properties.

The marine grade aluminium 6082 have passed the inspection and certification of China Classification Society(cCCS). In the production and development, Haomei Aluminum has carried out mechanical property testing, low magnification testing, high magnification testing and chemical composition testing many times, all of which meet the requirements.

6082 Marine Grade Aluminum Plate specification:

Alloy Series	Typcial Alloy	Typcial Tempe	Thickness (MM)	Width (MM)	Length (MM)
6xxx	6082	T6	4~261	1000-4000	2000~5000

Marine grade 6082 Alloy Chemical Composition:

Cu	Mg	Mn	Fe	Si	Zn	Ti	Cr	Other	Al
0.1	0.6~1.2	0.4~1.0	0.5	0.7~1.3	0.2	.0.1	0.25	0.15	Remainder

Marine grade Aluminium 6082 Properties:

Alloy	Temper	Yield Strength (Mpa)	Tensile Strength Rm(Mpa)	Elongation (%) (L <sub>0</sub> =50 mm)
6082	T6	Min.205	Main.110	Min.14

## Product Feature:

Excellent corrosion resistance.

Large specification

High precision

Good fatigue resistance

## Haomei Aluminum Services

1. We are specialized in aluminum products more than 20 years!

2. Our policy is “Honest Operation, Win-win Development.”
3. Professional sales team. Good English capabilities and communication skills.
4. Products are supplied to over 50 countries.
5. Strong advantage for aluminium processing line.
6. Professional QC and R&D teams to assure high quality.