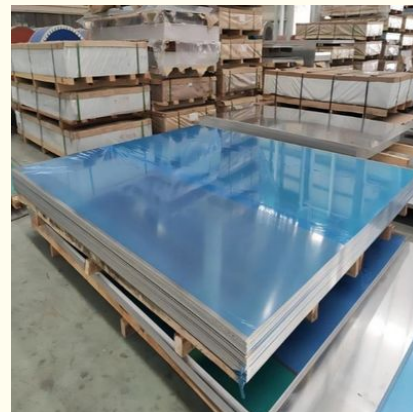


ASTM 6082 T6 Alloy Aluminum Sheet 1220x2440mm CNC Cutting Silver Customized Color

Our Product Introduction

Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: Chinalco
- Certification: ISO9001
- Model Number: 1000series, 2000series, 3000series, 5000series, 6000series, 7000series
- Minimum Order Quantity: 1 Ton
- Price: Negotiable
- Packaging Details: Exporting package/wooden box package etc
- Delivery Time: 3-15 days
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 20000 Ton/Tons per Month



Product Specification

- Product Name: Aluminum Sheet
- Standard: GB/T3880 ASTM B209 Or As Required
- Color: Silver Or As Required
- Payment Terms: 100%L/C At Sight Or T/T(30% Deposit)
- Inspection: Accept Third Party Inspection
- Packing: Standard Seaworthy Packing
- Trade Terms: FOB CIF CFR EXW
- Application: Ships, Refrigerators, Molds, Aerospace Equipment
- Highlight: **Customized Color Aluminum Sheet,
1220x2440mm Aluminum Sheet,
CNC Cutting Aluminum Sheet**



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Product Description

ASTM 6082 T6 Alloy Aluminum Sheet 1220x2440mm CNC Cutting Silver Customized Color

Product Description

Aluminium alloy 6082 is a medium strength alloy with excellent corrosion resistance. It has the highest strength of the 6000 series alloys. Alloy 6082 is known as a structural alloy. In plate form, 6082 is the alloy most commonly used for machining. As a relatively new alloy, the higher strength of 6082 has seen it replace 6061 in many applications. The addition of a large amount of manganese controls the grain structure which in turn results in a stronger alloy.

It is difficult to produce thin walled, complicated extrusion shapes in alloy 6082. The extruded surface finish is not as smooth as other similar strength alloys in the 6000 series.

In the T6 and T651 temper, alloy 6082 machines well and produces tight coils of swarf when chip breakers are used.

Product Name	Aluminum Sheet
Standard	ASTM, B209, JIS H4000-2006, GB/T2040-2012, etc.
Grade	1000 2000 3000 4000 5000 6000 7000 8000 series
Length	1000-11000mm or as required
Place of Origin	China
Thickness	0.6mm-20mm or as required
Width	20mm-2200mm or as required
Payterm	Ex-work, FOB, CIF, CFR, etc.
Processing Service	Bending, Decoiling, Welding, Punching, Cutting
Delivery Time	7-10 days, according to the quantity you need
Keyword	Aluminium Sheet
Surface	Coated, Embossed, Brushed, polished, Anodized, etc.
MOQ	1 Ton
Application	Construction field, Ships building industry, Decoration, Industry, Manufacture, Machinery and hardware fields, etc.

Aluminum Grade

1000 Series	Industrial Pure Aluminum(1050, 1060, 1070, 1100)
2000 Series	Aluminum-copper alloys(2024(2A12), LY12, LY11, 2A11, 2A14(LD10), 2017, 2A17)
3000 Series	Aluminum-manganese alloys(3A21, 3003, 3103, 3004, 3005, 3105)
4000 Series	Al-Si alloys(4A03, 4A11, 4A13, 4A17, 4004, 4032, 4043, 4043A, 4047, 4047A)
5000 Series	Al-Mg alloys(5052, 5083, 5754, 5005, 5086, 5182)
6000 Series	Aluminum Magnesium Silicon Alloys(6063, 6061, 6060, 6351, 6070, 6181, 6082, 6A02)
7000 Series	Aluminum, Zinc, Magnesium and Copper Alloys(7075, 7A04, 7A09, 7A52, 7A05)

Product Detail



Provided Service



Punching

Paid service



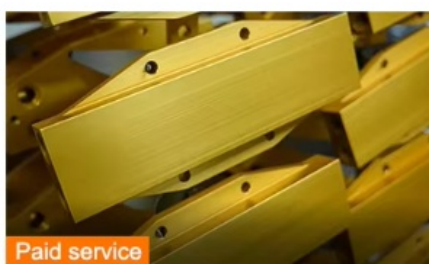
Flatting / Bending

Paid service



CNC machining

Paid service



Anodizing

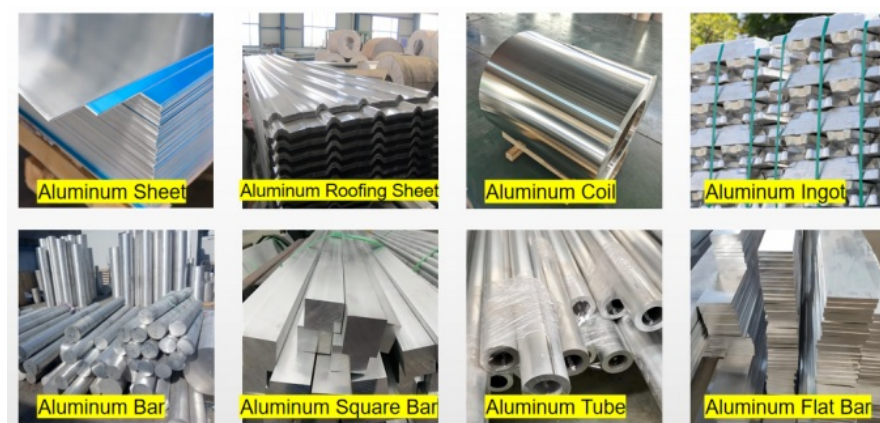
Paid service

Relevant Properties Aluminium

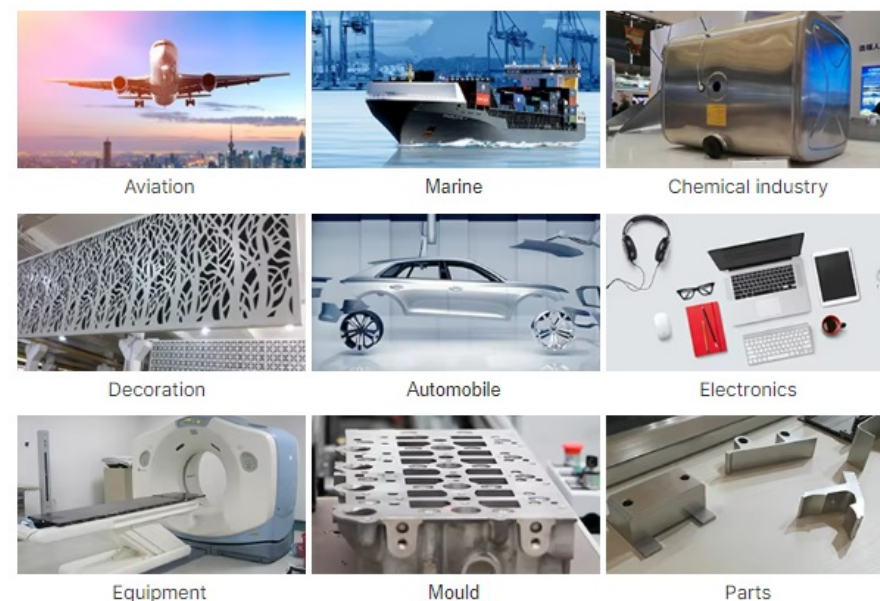
Hardness of Aluminium Alloy	Hardness is firstly directly related to the chemical composition of the alloy. Secondly, of the different states also have a greater influence, from the point of view of the maximum hardness that can be achieved, 7 series>2 series>4 series>6 series>5 series>3 series>1 series, in decreasing order.
Corrosion Resistance of Aluminium Alloys	Generally speaking, 1 series pure aluminium has the best corrosion resistance, 5 series performs well, followed by 3 series and 6 series, 2 series and 7 series are poor. Corrosion resistance selection principle should be based on the use of the occasion.

Machinability of aluminium alloys	Processing performance includes forming performance and cutting performance. Because the formability is related to the state, after selecting the grade of aluminium alloy, it is also necessary to consider the range of strength of various states, usually high strength materials are not easy to form. If the aluminium material is to be formed by bending, stretching, deep drawing, etc., the formability of the material needs to be considered, and for moulds, mechanical parts, etc., which require better cutability, the cutability of the aluminium alloy needs to be considered.
Weldability of aluminium alloys	The weldability of most aluminium alloys is unproblematic, especially some of the 5-series alloys, which are designed for welding considerations, as opposed to some of the 2-series and 7-series alloys, which are more difficult to weld.
Decorative properties of aluminium alloys	When aluminium is used for decoration or some specific occasions, it is necessary to anodize and paint its surface in order to obtain the corresponding colour and surface organization. Generally speaking, materials with better corrosion resistance have excellent anodic treatment performance, surface treatment performance and painting performance.
Other properties of aluminium alloys	In addition to the above properties, there are also electrical conductivity, abrasion resistance, heat resistance and so on. They can also be taken into account when selecting materials.

Recommend Products



Application



Packing and Shippment

Aluminum sheet/plate package details:

- 1.with wooden pallet packing.
- 2.standard fumigated wooden package.

3.other packing methods by customer's requirement.



Certification



FAQ

Q:Can you send samples?

A:Of course, we can send samples to all parts of the world, our samples are free, but customers need to bear the courier costs.

Q:What product information do I need to provide?

A:You need to provide the grade, width, thickness, coating and the number of tons you need to purchase.

Q:What are the shipping ports?

A:You can choose other ports according to your needs.



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