

Aluminum sheets for oxidation

Introduction of aluminum sheets for oxidation

The main products of aluminum plate for oxidation are 1xxx series, 3xxx series, 5xxx series and 6xxx series aluminum alloy plates. It is used in rail transit, automobile vehicles, ship transportation, electronic appliances, construction and engineering molds and other fields. The oxidation coloring effect of the aluminum sheets produced by Mingtai Aluminum is much higher than that of the peers, and it provides oxidation materials for many well-known air-conditioning manufacturers, notebooks, mobile phones, automobiles and other manufacturers. You can purchase with confidence!

What is anodizing?

Anodic oxidation is a commonly used aluminum plate oxidation method, which means that the aluminum plate is placed in the corresponding electrolyte as an anode, and electrolyzed under the action of an external current. So, what is the purpose of anodizing the aluminum plate? What are the characteristics of the aluminum oxide plate?

What are the types of aluminum sheets for oxidation ?

What is the use of?

After anodizing, a thin aluminum oxide film will be formed on the surface of the aluminum plate, which not only improves the hardness and wear resistance of the aluminum plate, but also enhances the corrosion resistance. More importantly, the oxidized aluminum plate can be colored into various colors, which can be used in electronic products to enrich product colors and meet people's aesthetic requirements.

Mingtai Aluminum is a manufacturer of aluminum sheets for oxidation,

and can provide customers with aluminum sheets for oxidation such as 1050, 1060, 3003, 3005, 5005, 5052, etc. High hardness and corrosion resistance make them have good application effects in the fields of vehicles, ships, electronic appliances, construction and engineering molds.

Anodized 5052 Aluminum Sheet

5052 aluminum alloy can be dyed into various colors after oxidation. In addition, 5052 aluminum plate for oxidation has good formability, corrosion resistance, weldability, and medium strength, and is an ideal choice for electronic product casing materials such as notebook computers and TVs. In addition, 5052 aluminum plate for oxidation is also widely used in other fields.

Technical Parameters

Alloy series	1xxx series	3xxx series	5xxx series
Alloy	1050 、 1060 、 1070、 1100	3003 、 3004 、 3005	5005 、 5052 、 5083 、 5086 、 5182、 5251
Temper	O、 H12、 H14、 H16、 H18、 H19、 H22、 H24、 H26、 H28、 H32、 H34、 H36、 H38		
Thickness(mm)	0.2-7.0		
Width(mm)	30-2650		
Length(mm)	400-8000		