



Mirror polished aluminum is one of our aluminum alloy products, it is not easy to oxidize and not easy to break. And the mirror aluminum plate is not easy to be corroded by acid and alkali substances and moisture in the air.

Mirror-polished aluminum is more durable and ideal for long-term storage. The specifications of the mirror aluminum alloys we produce include 1050 alloy mirror aluminum, 1060 alloy mirror aluminum, 3003 alloy mirror aluminum and 1100 alloy mirror aluminum.

Let me introduce the characteristics of mirror polished aluminum.

mirror finish polish aluminum

The following describes the characteristics and advantages of the mirror finish polish aluminum.

### 1, The surface is smooth and easy to clean

The surface of the mirror aluminum sheet is smooth and clean. Even if there is dust, you only need to carry out a simple removal with a towel to achieve an ideal practical effect. Most of the mirror finish aluminum sheet colors are silver, which can highlight the neatness, cleanliness and other characteristics.

### 2, The gloss is beautiful, and the beauty is improved.

The mirror aluminum sheet has a variety of colors, and the lighting effect is very good, and it has a strong reflective surface work ability. In building decoration materials and car beauty decoration, it is often used to highlight the shape design and its overall structure, enhance the beauty and be generous, and be true to yourself.

### 3, Light material, green and environmentally friendly

The material is light, which reduces a lot of energy consumption. Uses a large number of mirror finish polish aluminum, which not only have good gloss, but are not easy to be oxidized by air, and have a longer service life.

According to the needs of production and processing, the main purposes of manufacturing mirror aluminum plates are different, and the models and specifications of actual aluminum alloys are also different.

We can customize mirror-polished aluminum according to customer's requirements and use environment. If necessary, please feel free to consult.



# 1060 Aluminum Sheet

## Description:

The 1060 aluminum plate belongs to the aluminum plate series. Its aluminum content reaches 99.6%. The 1060 aluminum sheet production process is simple. The technology is mature.

### Chemical composition of 1060 aluminum sheet

#### 1060 aluminum plate characteristics

- 1,1060 aluminum plate belongs to industrial pure aluminum. With high plasticity, corrosion resistance, conductivity and thermal conductivity.
- 2,1060 aluminum plate low strength, heat treatment can not be strengthened, machinability is not good.
- 3,1060 aluminum plates can be gas welding, hydrogen atom welding and contact welding. Not easy to brazing, easy to bear all kinds of pressure processing and extension, bending.

#### Uses

1060 aluminum sheet is widely used in products with low strength requirements. Such as billboards, building exterior decoration, wall decoration of high-rise buildings and factories. Kitchen sinks, lamp holders, fan blades, electronic components. Chemical instruments, sheet metal parts, deep drawing or spinning concave vessels. Welding parts, heat exchanger, clock surface and plate, nameplate, kitchenware, decorations, reflective appliances.

#### Mechanical properties of 1060 aluminum plate

Tensile strength  $\sigma_b$  (MPa)

110-136

Elongation  $\delta_{10}$ (%)

3-5

#### 1060 aluminum plate heat treatment

Rapid annealing

Heating temperature 350 ~ 410 °C, holding time 30 ~ 120 min according to material thickness, air or water cooling.

High-temperature annealing

The heating temperature is 350 ~ 500 °C. The holding time is 10 ~ 30 minutes when the thickness of the finished product is more than 6mm. The heat penetration stops when the thickness of the finished product is less than 6mm. air cooling

Low-temperature annealing

Heating temperature 150 ~ 250 °C, holding time 2 ~ 3 h, air or water cooling.

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