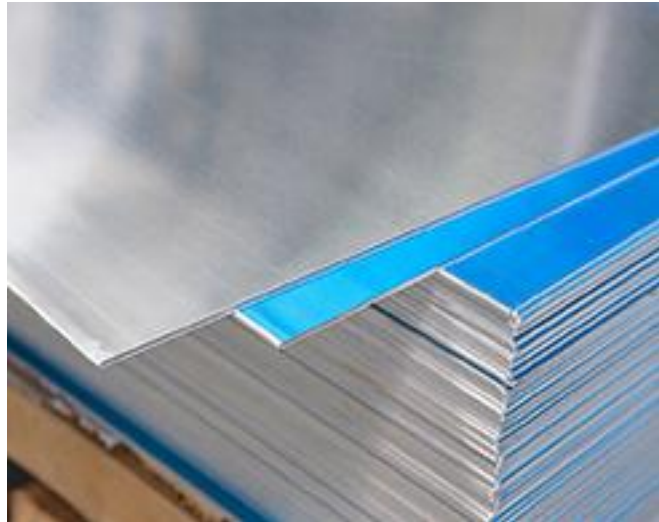


6063 Aluminum Sheet Plate

6063 Aluminum sheet plate belongs to the Al-Mg-Si series high plasticity alloy, which is an alloy that can be strengthened by heat treatment. 6063 Aluminum plate has excellent processing performance, excellent weldability, good corrosion resistance good toughness, easy polishing and covering color film, and excellent anodic oxidation effect. The tensile strength and yield strength of 6063 aluminum plate at different temperatures are good, and the elongation is relatively large. It has excellent weldability, gas welding, arc welding, contact spot welding and wire welding are all available, and it has good brazeability. 6063 Aluminum plate is a typical extrusion alloy. 6063 aluminum profiles are widely used in building profiles, pipes, vehicles, furniture, rods, profiles for lifts, etc.



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Product Specification

Alloy	6063 Aluminum Sheet Plate
Temper	F,O,T4,T6,T651,etc.
Thickness(mm)	0.30-600
Width(mm)	500-2650
Length(mm)	500-16000
Package	Export packaging (protective film, interleaved paper)
Application	Automobile, truck wheel hub,mobile phone casing, precision mold, etc.

Chemical composition												
Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Zr	Others		Al
										Singl e	Tota l	
6063	0.6	0.3	0.1	0.1	0.9	0.1	0.1	0.1	-	0.05	0.15	Remaind er
	0	5	0	0	0	0	0	0				

Mechanical Properties					
Alloy	Temper	Tensile strengthRm (Mpa)	Yield strengthRp0.2 (MPa)	Elongation A(%)	Hardness
6063	T5	186	145	12	60
	T6	241	214	12	73

Features

1. 6063 aluminum plate has strong corrosion resistance, no tendency of stress corrosion cracking, excellent welding performance, and the corrosion performance in the welding area remains unchanged.
2. 6063 aluminum plate can be oxidized, the color and luster will not change after surface anodic oxidation treatment, and the appearance is beautiful.
3. The surface of the 6063 aluminum plate has no peeling, air bubbles, surface roughness and local mechanical damage, and the surface of the aluminum plate has no defects.

Application

1. 6063 aluminum plate: used for automobile floor plates, auto parts, mobile phone accessories, etc.
2. 6063 aluminum medium and thick plate: used for automobile wheel hub, mold, structural parts of passenger car body, etc.
3. 6063 aluminum plate is mainly used to make the overall outline of the car body and the





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body of the tanker. As a high aluminum magnesium alloy, 6063 is a non-heat-treatable alloy with good strength, corrosion resistance, and good machinability. It can be used to manufacture aircraft fuel tanks, oil pipes, transportation vehicles, ships, etc. 6063 aluminum sheet can be used in various fields. In automobile manufacturing, it can be used as raw material for processing and manufacturing of car body parts, and can also be used as processing material for tank car body; in the field of construction, it can be used as decorative plate, anti-corrosion plate, and can also be used for deep processing.

The above mentioned aluminum product is produced according to national standard specifications. Please contact us for a free quote!

-----**THIS IS THE END**-----

