

# Aluminum (6000 Series)

## Sheets



Material Designation	Chemical Composition (%)	Alloys
6000 Series	Al 95.8 - 99.4 Cu 0.10 Max Fe 0.40 Max Mg 1.2 - 4.8 Mn 0.1 Max Si 0.25 Max Zn 0.1 Max	6009 6010 6060 6061 6063 6082

Specification		Applications
Thickness	6 - 350 mm	Chemical, LNG Vessels Aviation Automobile Industry Stamping Parts Ship Body High Speed Trains
Width	450 – 3800 mm	
Length	500 – 15000 mm	
Inner Daimeter	-	
Outer Daimeter	-	
Tolerances	According to DIN, EN, ASME	
Elongation	5 - 25 %	
Tensiile Strength	100 - 400 Mpa	
Yield Strength	65 - 300 Mpa	

Description
6000 series aluminium contains added manganese and silicon. This combination of elements allows the alloy to be solution heat treated which improves the alloys strength. Used extensively in welding fabrication, the alloys are supplied in bars, sheets and extrusions. This range of aluminium alloy is incorporated in a variety of structural components.

Value Proposition
<ul style="list-style-type: none"><li>● Competitive Pricing</li><li>● Flexible LME price fixation</li><li>● Product Customization</li><li>● Quality Assurance</li><li>● Committed to deliveries</li><li>● Standard export pallet packing</li></ul>

This data is general technical specification; Binding technical specifications will be as per agreement.