



# Adinath

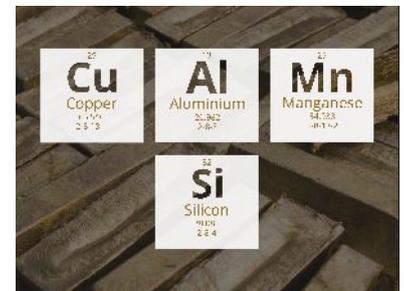
Create, Enhance & Sustain

## C-95600 : SILICON BRONZE

### Specification Sheet

#### DESCRIPTION

C95600 a silicon bronze alloys contains small proportion of Nickel. This alloy is resistant to sea water and maintains high strength at elevated temperatures.



#### CHEMICAL COMPOSITION

Element	Cu	Al	Ni	Si
Min (%)	88.00	6.00	-	1.80
Max (%)	-	8.00	0.25	3.20

Note : Ni includes Co; Cu+ named elements >= 99.5%; Unless otherwise noted, single values represent maximums.

#### COMPARATIVE SPECIFICATIONS

CDA: C95600	ASTM: B30
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#### FABRICATION PROPERTIES

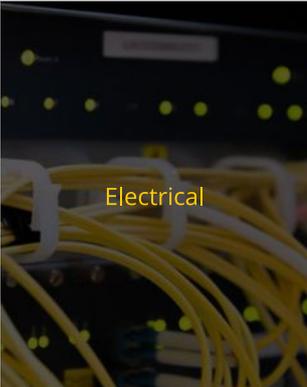
Soldering	Brazing	Machinability Rating
Good	Good	60

#### CASTING CHARACTERISTICS

Casting Attribute	Level
Casting Yield	Low
Drossing	High
Fluidity	Medium
Gassing	High

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## TYPICAL USES

Product Category	Product	Reason
 <p>Electrical</p>	Cable Connectors, Terminals.	Electrical Conductivity, Thermal Conductivity, Corrosion Resistance (Excellent), High Strength, High Toughness, Wear Resistance, Fatigue Strength.
 <p>Industrial</p>	Gears, Valve Stems, Worms.	Corrosion Resistance (Excellent), Wear Resistance, Machinability Good, High Strength, High Strength, Corrosion Resistance to Salt Water, Fatigue Strength.

## PACKING

 **ADINATH** manufactures wide range of copper Alloys in the form of **Certified Ingots** weighing from 8-10 kgs each.

 Standard Packaging of **1 Metric Ton** in Wooden Pallet.



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## VALUE ADDED SERVICES

### Casting Range



25 Grams to 10 Kgs

### Forging Sizes



50 Grams to 6 Kgs

### Machining Sizes



1 mm to 200 mm

### CONNECT WITH US Adinath Extrusion Pvt. Ltd.

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