



Adinath

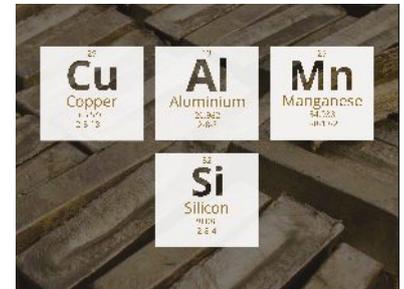
Create, Enhance & Sustain

C-87300 : SILICON BRONZE

Specification Sheet

DESCRIPTION

Silicon Bronzes are copper based alloys with a mixture of other metals like Aluminium, Nickel, Zinc, Lead, Iron and Manganese. It is one of the easiest metals to form/pour. Silicon helps deoxygenate the material which helps to reduce brittleness and increases the strength.



CHEMICAL COMPOSITION

Element	Cu	Fe	Mn	Zn	Pb	Si
Min (%)	94.00	-	0.80	-	-	3.50
Max (%)	-	0.20	1.50	0.25	0.09	4.50

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

COMPARATIVE SPECIFICATIONS

CDA: C87300	ASTM: B30
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FABRICATION PROPERTIES

Soldering	Brazing	Machinability Rating
Excellent	Excellent	40

C-87300 : SILICON BRONZE

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.



VALUE ADDED SERVICES

Casting Range



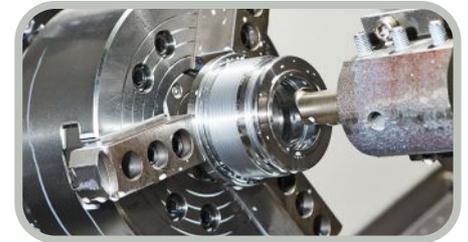
25 Grams to 10 Kgs

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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