



# Adinath

Create, Enhance & Sustain

## C-90200 : TIN BRONZE

### Specification Sheet

#### DESCRIPTION

C90200 Alloy comes with an added amount of Tin and Zinc where Zinc acts as strong deoxidising agent to facilitate foundry operations and make these bronzes suitable for sand casting.



#### CHEMICAL COMPOSITION

Element	Cu	Al	Fe	Ni	Zn	Pb	Sn	Si	S	Sb	P
Min (%)	91.00	-	-	-	-	-	6.00	-	-	-	-
Max (%)	94.00	0.005	0.20	0.50	0.50	0.30	8.00	0.005	0.05	0.20	0.05

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

#### COMPARATIVE SPECIFICATIONS

CDA: C90200	CuSn8
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#### FABRICATION PROPERTIES

Soldering	Brazing	Machinability Rating
Excellent	Good	20

#### CASTING CHARACTERISTICS

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

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## TYPICAL USES

Product Category	Product	Reason
 <p>Industrial</p>	Bearings, Bushings.	Corrosion Resistance, Wear Resistance, Moderate 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.



## VALUE ADDED SERVICES

### Casting Range



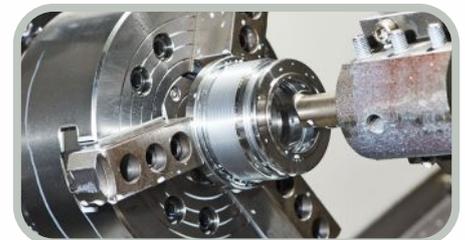
25 Grams to 10 Kgs

### 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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