



# Adinath

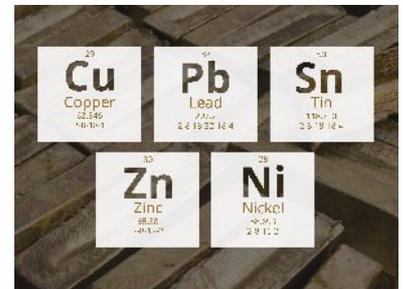
Create, Enhance & Sustain

## C-93500 : LEADED TIN BRONZE

### Specification Sheet

#### DESCRIPTION

C93500 alloy is similar to C93200 and C93400 but with a lower tin and higher lead content. This combination makes its machining properties excellent and provide a medium strength with good corrosion resistance. The alloy is suitable for general purpose high speed bearings at low loads.



#### CHEMICAL COMPOSITION

Element	Cu	Al	Fe	Ni	Zn	Pb	Sn	Si	S	Sb	P
Min (%)	83.00	-	-	-	-	8.00	4.30	-	-	-	-
Max (%)	86.00	0.005	0.20	1.00	2.00	10.00	6.00	0.005	0.08	0.30	0.05

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

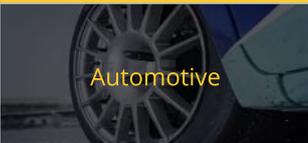
#### COMPARATIVE SPECIFICATIONS

CDA: C93500	CuSn5Pb9
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#### FABRICATION PROPERTIES

Soldering	Brazing	Machinability Rating
Good	Good	70

#### TYPICAL USES

Product Category	Product	Reason
 <p>Automotive</p>	Backing for Babbitt Lined Bearings.	Corrosion Resistance, Wear Resistance, Relatively Low Strength.

# C-93500 LEADED TIN BRONZE

Product Category	Product	Reason
 <p><b>Industrial:</b></p>	Bearings, Corrosion Resistant Castings, High Speed, Light Load Bushings, Mild Acidic Applications, Pump Impellers.	Corrosion Resistance, Corrosion Resistance to Numerous Environments, Anti-Seizing Properties, Low Coefficient of Friction, Wear Resistance, Excellent Machinability, Corrosion Resistance to Brackish Water, Corrosion Resistance to Many Industrial Chemicals.

## 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



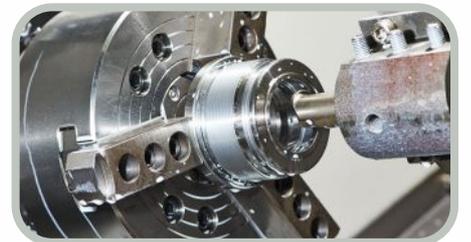
 25 Grams to 10 Kgs

### 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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