Adinath

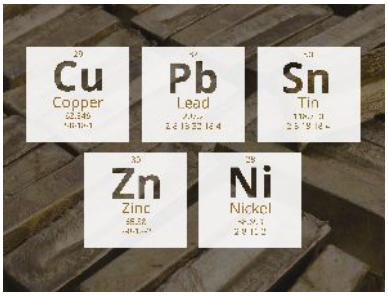
Create, Enhance & Sustain

C-94400 : LEADED TIN BRONZE

Specification Sheet

DESCRIPTION

C94400 contains higher amount of Lead making it suitable to produce corrosion resistant castings.



CHEMICAL COMPOSITION

Element	Cu	Al	Fe	Ni	Zn	Pb	Sn	Si	S	Sb	P
Min (%)	Balance	-	-	-	-	9.00	7.00	-	-	-	-
Max (%)		0.005	0.15	1.00	0.80	12.00	9.00	0.005	0.08	0.80	0.50

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

COMPARATIVE SPECIFICATIONS

CDA: C94400	UNS: C93600, C93800, C93700, C93400, C93900	EN: CC495K

FABRICATION PROPERTIES

Soldering	Brazing	Machinability Rating
Good	Good	80

CASTING CHARACTERISTICS

Casting Attribute	Level
Casting Yield	High
Drossing	Low
Fluidity	High
Gassing	Med-High

C-94400 LEADED TIN BRONZE

TYPICAL USES

Product Category	Product	Reason
 Industrial	Bearings, Corrosion Resistant Castings, Floating Rod Bushings, Locomotive Wear Parts such as Shoes, Locomotive Wear Parts such as Wedges, Pump Impellers.	Corrosion Resistance, Corrosion Resistance to Numerous Environments, Wear Resistance, Corrosion Resistance, Corrosion Resistance to Numerous Environments, Wear Resistance, Corrosion Resistance to Brackish Water, Corrosion Resistance to Many Industrial Chemicals, Thermal Conductivity.

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

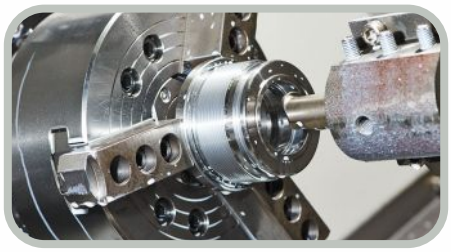
Casting Range

- 25 Grams to 10 Kgs

Forging Sizes

- 50 Grams to 6 Kgs

Machining Sizes



- 1 mm to 200 mm

CONNECT WITH US

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TÜV SÜD ISO 9001