



Adinath

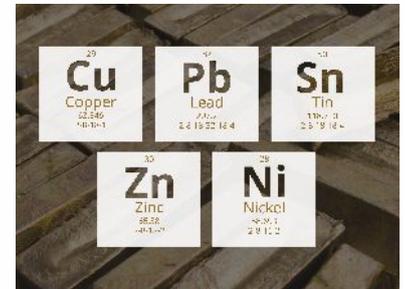
Create, Enhance & Sustain

C-93900 : LEADED TIN BRONZE

Specification Sheet

DESCRIPTION

C93900 High Lead Tin Bronze alloy is used where regular lubrication is difficult. C93900 alloy has excellent anti-frictional properties and is corrosion resistant to sea water, brine and certain acidic conditions.



CHEMICAL COMPOSITION

Element	Cu	Al	Fe	Ni	Zn	Pb	Sn	Si	S	Sb	P
Min (%)	76.50	-	-	-	-	14.00	5.00	-	-	-	-
Max (%)	79.50	0.005	0.40	0.80	1.50	18.00	7.00	0.005	0.08	0.50	1.50

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

COMPARATIVE SPECIFICATIONS

CDA: C93900	ASTM: B505, B505M	SAE: 67, J461, J462	OTHER: 79-6-15
-------------	-------------------	---------------------	----------------

FABRICATION PROPERTIES

Soldering	Brazing	Machinability Rating
Good	Poor	80

CASTING CHARACTERISTICS

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

C-93900 LEADED TIN BRONZE

TYPICAL USES

Product Category	Product	Reason
 <p>Industrial</p>	Bearings, Pump Bodies, Pump Impellers for Mine Water.	Corrosion Resistance, Corrosion Resistance to Brackish Water, Corrosion Resistance to Many Industrial Chemicals, Corrosion Resistance to Numerous Environments, Good Machinability, Relatively Low 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



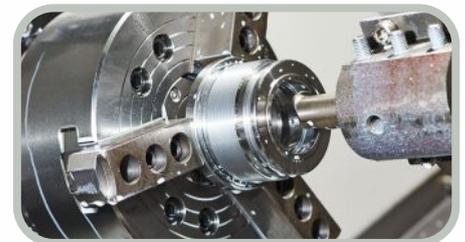
25 Grams to 10 Kgs

Forging Sizes



50 Grams to 6 Kgs

Machining Sizes



1 mm to 200 mm

CONNECT WITH US Adinath Extrusion Pvt. Ltd.

Plot No. 4051-4055,
Bhagwan Mahavir Swami Marg,
G.I.D.C., Phase-III, Dared,
Jamnagar - 361004, Gujarat, India.

+91 7600 55 9243 +91 288 2730868
sales@adinathextrusion.com,
marketing@adinathextrusion.com
www.adinathextrusion.com

