



Adinath

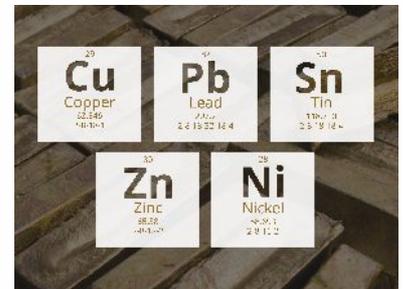
Create, Enhance & Sustain

C-92900 : LEADED TIN BRONZE

Specification Sheet

DESCRIPTION

C92900 also known as Leaded Nickel Tin Bronze is best suitable for General Service Bearings, Pump Bodies, Impeller for Mine water, Wear Plates, Cams, Gears.



CHEMICAL COMPOSITION

Element	Cu	Al	Fe	Ni	Zn	Pb	Sn	Si	S	Sb	P
Min (%)	82.00	-	-	2.80	-	2.00	9.00	-	-	-	-
Max (%)	86.00	0.005	0.20	4.00	0.25	3.20	11.00	0.005	0.05	0.25	0.50

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

COMPARATIVE SPECIFICATIONS

CDA: C92900	ASTM: B505, B505M	C-92500	C-92700
-------------	-------------------	---------	---------

FABRICATION PROPERTIES

Soldering	Brazing	Machinability Rating
Excellent	Good	40

CASTING CHARACTERISTICS

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

C-92900 LEADED TIN BRONZE

TYPICAL USES

Product Category	Product	Reason
 <p>Industrial</p>	Cams, Gears, General Service Bearings, Impellers for Mine Water, Pump Bodies, Wear Plates, Worm Gears.	Corrosion Resistance, Corrosion Resistance to Numerous Environments, Wear Resistance, Moderate Strength, Anti-Seizing Properties, Low Coefficient of Friction, Good Machinability, Corrosion Resistance to Brackish Water, Corrosion Resistance to Many Industrial Chemicals, Corrosion Resistance to Petroleum Products.

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



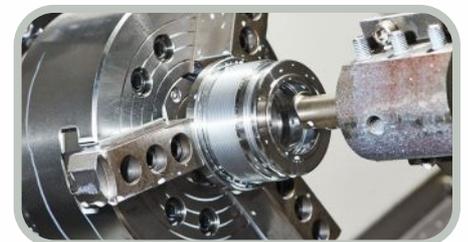
25 Grams to 10 Kgs

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

