



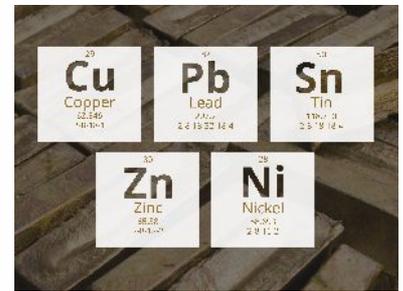
Adinath
Create, Enhance & Sustain

C-94000 : LEADED TIN BRONZE

Specification Sheet

DESCRIPTION

Leaded Tin Bronze or High Leaded Tin Bronze are less expensive when compared to other bearing alloys. Primary function of this alloy is to improve machinability. Leaded Bronzes are well known for their resistance towards Corrosion and abrasion. The higher lead content allows the alloy to retain favourable thermal conductivity and good lubricity.



CHEMICAL COMPOSITION

Element	Cu	Al	Fe	Ni	Zn	Pb	Sn	Si	S	Sb	P
Min (%)	69.00	-	-	0.50	-	14.00	12.00	-	-	-	-
Max (%)	72.00	0.005	0.25	1.00	0.50	16.00	14.00	0.005	0.08	0.50	0.05

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

COMPARATIVE SPECIFICATIONS

CDA: C94000	ASTM: B505, B505M	SAE: J461, J462
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FABRICATION PROPERTIES

Soldering	Brazing	Machinability Rating
-	-	80

TYPICAL USES

Product Category	Product	Reason
 Industrial:	High-speed bearings for light loads, high-speed/light-to-medium-pressure bushings, Soft Bushings, Railroad Applications, Soft Metal Applications.	Corrosion Resistance (Excellent), Wear Resistance, High Strength, Retains Strength at Elevated Temperatures, Toughness, Fatigue Properties, Thermal Conductivity, Good Machinability.



C-94000 LEADED TIN BRONZE

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

