



Adinath

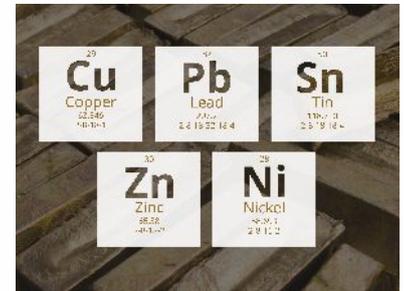
Create, Enhance & Sustain

CC-495K : LEADED TIN BRONZE

Specification Sheet

DESCRIPTION

A leaded tin bronze alloy also widely known as CuSn10Pb10 or BS1400: Lb2 comes with 10% Lead and 10% Tin has good self lubrication properties in addition to excellent machinability.



CHEMICAL COMPOSITION

Element	Cu	Al	Fe	Ni	Zn	Pb	Sn	Si	S	Sb	P	Mn
Min (%)	78.00	-	-	-	-	8.00	9.00	-	-	-	-	-
Max (%)	82.00	0.01	0.25	2.00	2.00	11.00	11.00	0.01	0.10	0.50	0.10	0.20

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

COMPARATIVE SPECIFICATIONS

CuSn10Pb10	80/10/10 BRONZE	Bs1400: Lb2	C93700
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TYPICAL USES

Product Category	Product	Reason
<p>Industrial:</p>	<p>Air Craft Components, Bearings, Gears, Glands, Hand Gun Recoil Mechanisms, Hot Mill Guides, Landing Gear Parts, Machine Parts, Pickling Equipment, Piston Guides, Pump Fluid Ends, Sewage Treatment Applications, Valve Bodies, Valve Components, Valve Guides, Wear Plates, Welding Jaws, Worms, Worms Wheels.</p>	<p>Corrosion Resistance (Excellent), Wear Resistance, High Strength, Retains Strength at Elevated Temperatures, Toughness, Fatigue Properties, Thermal Conductivity, Good Machinability.</p>

CC-495K 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.

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