



# Adinath

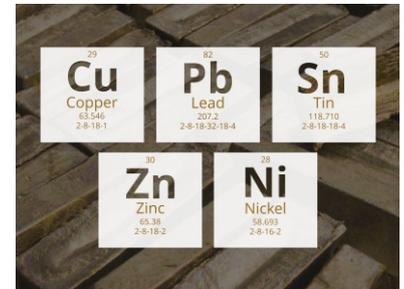
Create, Enhance & Sustain

## CuSn7Pb6Zn3 : LEADED TIN BRONZE

### Specification Sheet

#### DESCRIPTION

CuSn7Pb6Zn3 Alloy is a cast high leaded gun metal used for its excellent castability, higher strength, hardness and shock resistance and suitability for heavy load bearings.



#### CHEMICAL COMPOSITION

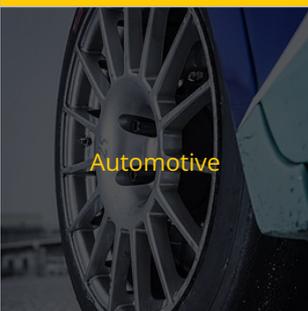
Element	Cu	Al	Fe	Ni	Zn	Pb	Sn	Si	S	Sb	P
Min (%)	81.00	-	-	-	2.00	5.00	6.00	-	-	-	-
Max (%)	85.00	0.01	0.20	2.00	5.00	8.00	8.00	0.01	0.10	0.30	0.10

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

#### COMPARATIVE SPECIFICATIONS

AS 1565: C93200	BS 1400: Lg4	ASTM: B505, B271
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#### TYPICAL USES

Product Category	Product	Reason
 <p>Automotive</p>	Automotive Fittings.	Corrosion Resistance, Corrosion Resistance to Numerous Environments, Good Machinability, Relatively Low Strength.

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## TYPICAL USES

Product Category	Product	Reason
 <p>Fasteners:</p>	Washers.	Corrosion Resistance, Corrosion Resistance to Numerous Environments, Good Machinability, Relatively Low Strength.
 <p>Industrial</p>	<p>Bearings, Bearings for Cranes, Bushings, Diesel Engine Wrist Pin Bushings, Fittings, Forging Press Toggle Lever Bearings, Fuel Pump Bushings, General Purpose Bushings, Hydraulic Press Main Lining, General Purpose Bushings, Hydraulic Press Stuffing Box, Machine Parts, Machine Tool Bearings, Main Spindle Bearings, Pump Fixtures, Pump Impellers, Pumps, Roll Neck Bearings, Rolling Mill Bearings, Thrust Washers, Trunion Bearings, Water Pump Bushings.</p>	<p>Corrosion Resistance, Corrosion Resistance to Numerous Environments, Good Machinability, Relatively Low Strength.</p>

## 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.



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## 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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