



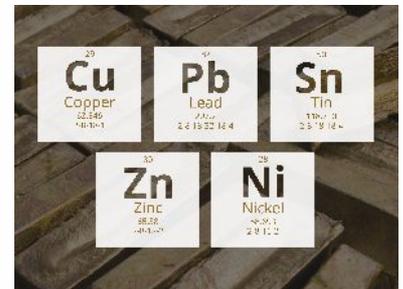
Adinath
Create, Enhance & Sustain

C-92500 : LEADED TIN BRONZE

Specification Sheet

DESCRIPTION

C92500 is also known as Nickel-Phosphorus Bronze and it notably contains high amount of Tin, Nickel and Lead. Inclusion of this elements contribute to improved strength, bearing properties and machinability.



CHEMICAL COMPOSITION

Element	Cu	Al	Fe	Ni	Zn	Pb	Sn	Si	S	Sb	P
Min (%)	85.00	-	-	0.80	-	1.00	10.00	-	-	-	-
Max (%)	88.00	0.005	0.30	1.50	0.50	1.50	12.00	0.005	0.05	0.25	0.30

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

COMPARATIVE SPECIFICATIONS

CDA: C92500	ASTM: B505, B505M	SAE: J461, J462	C-92700
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FABRICATION PROPERTIES

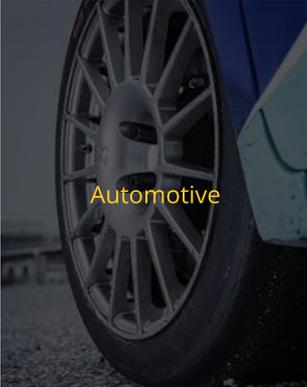
Soldering	Brazing	Machinability Rating
Excellent	Good	30

CASTING CHARACTERISTICS

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

C-92500 : LEADED TIN BRONZE

TYPICAL USES

Product Category	Product	Reason
 <p>Automotive</p>	Automotive Synchronizer Rings.	Corrosion Resistance, Corrosion Resistance to Numerous Environments, Wear Resistance, Moderate Strength.
 <p>Industrial</p>	Gears	Corrosion Resistance, Corrosion Resistance to Numerous Environments, Wear Resistance, Moderate 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.



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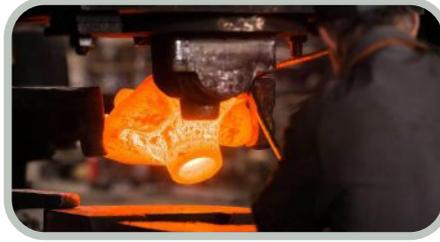
VALUE ADDED SERVICES

Casting Range



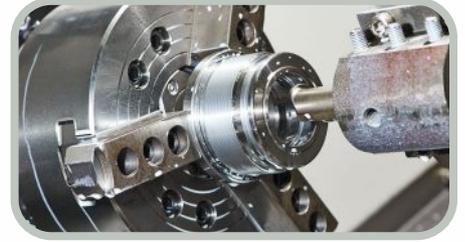
25 Grams to 10 Kgs

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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