



Adinath

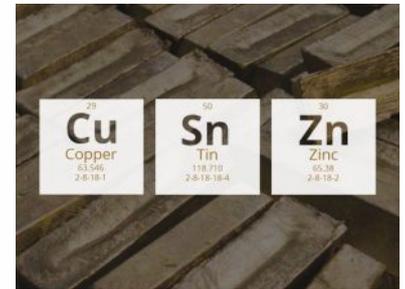
Create, Enhance & Sustain

C-90800 : TIN BRONZE

Specification Sheet

DESCRIPTION

C90800 Alloy is also commonly known as CuSn12 which is very tough and hard material. C90800 Alloy has good machining properties, high strength and good corrosion resistance to seawater and brine, making it suitable for pump and valve components. It is also known as Gear Bronze.



CHEMICAL COMPOSITION

Element	Cu	Al	Fe	Ni	Zn	Pb	Sn	Si	S	Sb	P
Min (%)	85.00	-	-	-	-	-	11.00	-	-	-	-
Max (%)	89.00	0.005	0.15	0.50	0.25	0.25	13.00	0.005	0.05	0.20	0.30

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

COMPARATIVE SPECIFICATIONS

CDA: C90800	ASTM: B427	CuSn12
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TYPICAL USES

Product Category	Product	Reason
 <p>Industrial</p>	Speed Reducers , Worm Gears.	Corrosion Resistance, Low Co-efficient of Friction, Wear Resistance, Moderate Strength.

C-90800 : 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.



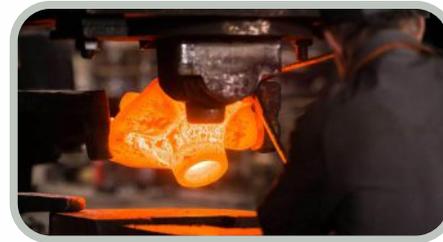
VALUE ADDED SERVICES

Casting Range



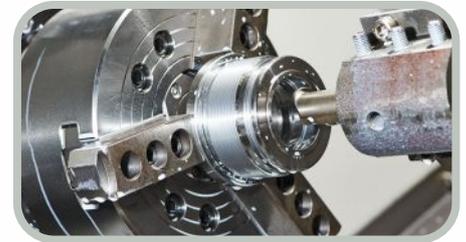
 25 Grams to 10 Kgs

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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