



Adinath

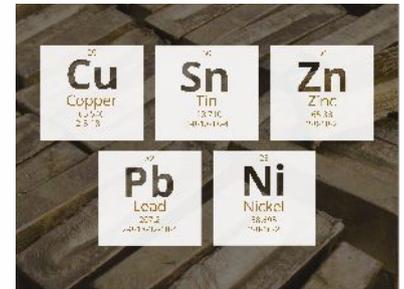
Create, Enhance & Sustain

BC-1 Gun Metal/Red Brass/Bronze

Specification Sheet

DESCRIPTION

Gun Metal commonly referred as Red Brass in USA, is an alloy of Copper, Zinc, Tin and Lead. In quantitative terms, this alloy is the largest application group of tin bronze family. Since ancient history, it has found a prominent place due to the ease of casting, good strength and corrosion resistance. The lead content improves the machining and gliding properties along with increased pressure tightness while Zinc improves its castability. Gun Metal is ideal for universal use and can be combined as required with all known installation materials like Copper, Steel and Plastic.



CHEMICAL COMPOSITION

Element	Cu	Al	Fe	Ni	Zn	Pb	Sn	Si	Sb	P
Min (%)	79.00	-	-	-	8.00	3.00	2.00	-	-	-
Max (%)	83.00	0.01	0.35	1.00	12.00	7.00	4.00	0.01	0.20	0.05

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

COMPARATIVE SPECIFICATIONS

C84400	LG1	CC490K
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TYPICAL USES

Product Category	Product	Reason
 <p>Architecture</p>	Ornamental Fixtures.	Appearance, Corrosion Resistance, Good Machinability, Moderate Strength.

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Product Category	Product	Reason
 <p>Builders Hardware</p>	Cases for Dead Bolt Locks, Dead Bolt Locks, Door Hardware for Prisons, Hardware.	Appearanc, Corrosion Resistance, Good Machinability, Moderate Strength, Castability, Oxidation Resistance.
 <p>Building</p>	Cooling Equipment, Heating Equipment.	Thermal Conductivity, Corrosion Resistance, Moderate Strength, Thermal Conductivity.
 <p>Consumer</p>	Musical Instruments.	Appearanc, Castability, Corrosion Resistance, Resonant Frequency, Damping Capacity, Moderate Strength.
 <p>Electrical</p>	Electrical Equipment.	Electrical Conductivity, Thermal Conductivity, Corrosion Resistance, Oxidation Resistance, Moderate Strength.
 <p>Industrial</p>	Low Pressure Fittings, Pump Fixtures, Valve Bodies for the Water Industry, Valve Seat, Valves, Valves for Water Meters.	Corrosion Resistance, Moderate Strength, Pressure Tight, Wear Resistance, Good Machinability, Corrosion Resistance to Fresh Water, Corrosion Resistance to Salt Water, Excellent Machinability.
 <p>Marine</p>	Boat Parts, Marine Hardware, Nuts for Transducers.	Appearance, Corrosion Resistance, Corrosion Resistance to Salt Water, Moderate Strength, Machinability Good.
 <p>Plumbing</p>	Fixtures, Pipe Fittings.	Appearance, Corrosion Resistance, Good Machinability, Moderate Strength, Pressure Tightness.

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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



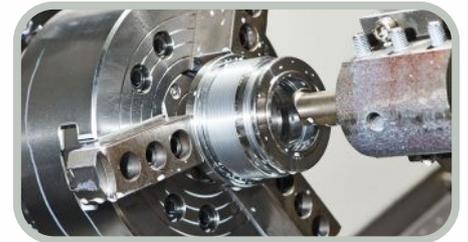
25 Grams to 10 Kgs

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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