



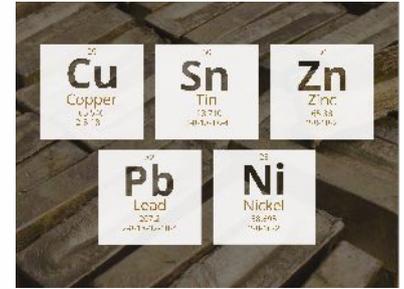
Adinath

Create, Enhance & Sustain

C-83500 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	S	Sb	P
Min (%)	86.00	-	-	0.50	1.00	3.50	5.50	-	-	-	-
Max (%)	88.00	0.005	0.25	1.00	2.50	5.50	6.50	0.005	0.08	0.25	0.03

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

COMPARATIVE SPECIFICATIONS

CDA: C83500

TYPICAL USES

Product Category	Product	Reason
Builders Hardware	Door Hardware for Prisons, Window Hardware.	Appearance, Corrosion Resistance, Moderate Strength.
Consumer	Musical Instruments.	Appearance, Castability, Corrosion Resistance, Resonant Frequency, Damping Capacity, Moderate Strength.

C-83500 Gun Metal/Red Brass/Bronze

Product Category	Product	Reason
 Electrical	Electrical Equipment.	Electrical Conductivity, Thermal Conductivity, Corrosion Resistance, Moderate Strength.
 Marine	Marine Hardware.	Corrosion Resistance, Corrosion Resistance to Salt Water, 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.



VALUE ADDED SERVICES

Casting Range



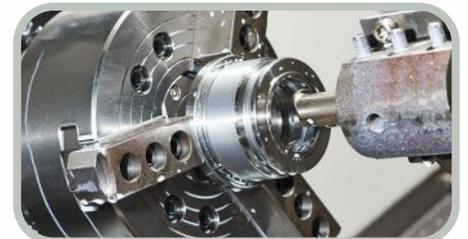
 25 Grams to 10 Kgs

Forging Sizes



 50 Grams to 6 Kgs

Machining Sizes



 1 mm to 200 mm

CONNECT WITH US

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