



# Adinath

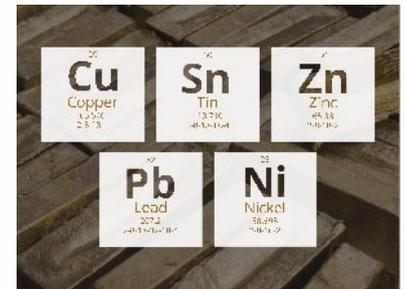
Create, Enhance & Sustain

## C-83300 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    | Zn   | Pb   | Sn   |
|---------|-------|------|------|------|
| Min (%) | 92.00 | 2.00 | 1.00 | 1.00 |
| Max (%) | 94.00 | 6.00 | 2.00 | 2.00 |

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

#### COMPARATIVE SPECIFICATIONS

CDA: C83300

#### FABRICATION PROPERTIES

| Soldering | Brazing | Machinability Rating |
|-----------|---------|----------------------|
| Excellent | Good    | 35                   |

# C-83300 Gun Metal/Red Brass/Bronze

## TYPICAL USES

| Product Category   | Product  | Reason   |
|--|--|--|
| <br>Automotive | Battery Terminals.   | Electrical Conductivity.   |
| <br>Electrical | Adaptors, Connectors, Electrical Components, Electrical Hardware Parts, Terminal Ends for Electric Cables. | Electrical Conductivity, Thermal Conductivity, Corrosion Resistance, Moderate Strength, Oxidation Resistance, High 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 Adinath Extrusion Pvt. Ltd.

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