

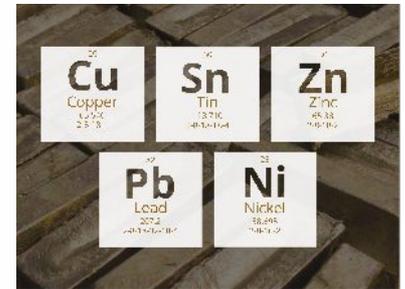


**Adinath**  
Create, Enhance & Sustain

## BS 1400 : LG-1 Gun Metal/Red Brass/Bronze Specification Sheet

### DESCRIPTION

LG-1 is a general purpose leaded gun metal conforming to BS1400: LG1. LG1 has a reasonable strength, excellent machining properties and is not subject to dezincification. The addition of Zinc aids pressure tightness and castability. It has a less wear resistance than non leaded gunmetals.



### CHEMICAL COMPOSITION

Element	Cu	Al	Fe	Ni	Zn	Pb	Sn	Si	S	Sb	P	Bi	Oi
Min (%)	Balance	-	-	-	7.00	4.00	2.00	-	-	-	-	-	-
Max (%)		0.01	0.50	2.00	9.50	6.00	3.50	0.02	0.10	0.30	0.03	0.10	1.00

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

### COMPARATIVE SPECIFICATIONS

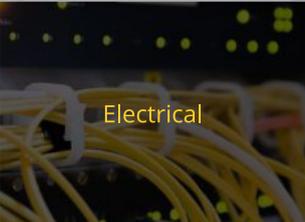
C-84400	CC490K	BC-1	CuSn3Zn8Pb5
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### TYPICAL USES

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.
 <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



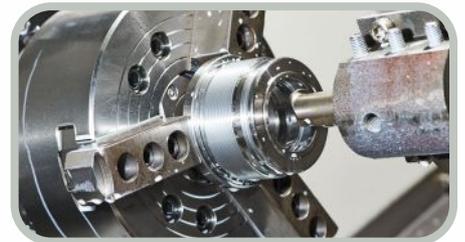
 25 Grams to 10 Kgs

### 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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