



# Adinath

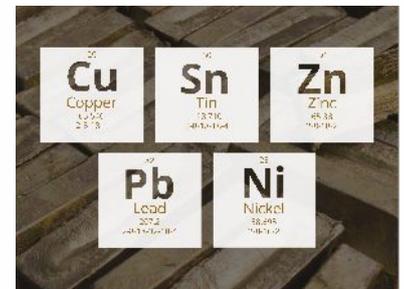
Create, Enhance & Sustain

## BS 1400 : LG-2 Gun Metal/Red Brass/Bronze

### Specification Sheet

#### DESCRIPTION

LG2 is a general purpose Leaded Gun Metal conforming to the British Standard BS 1400: LG2 Alloy. The substantial amount of Lead gives excellent machining properties, medium strength and good pressure tightness and resistant to dezincification. LG2 Alloy has reasonable resistance to corrosion and brine, making it suitable for pressure and valve components, pump impellers and fittings.



#### CHEMICAL COMPOSITION

Element	Cu	Al	Fe	Ni	Zn	Pb	Sn	Si	Bi	Oi
Min (%)	Balance	-	-	-	4.00	4.00	4.00	-	-	-
Max (%)		0.01	0.50	2.00	6.00	6.00	6.00	0.02	0.05	0.08

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

#### COMPARATIVE SPECIFICATIONS

LTB2	C83600	CuSn5Pb5Zn5	85/5/5/5 Bronze
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#### FABRICATION PROPERTIES

Soldering	Brazing	Machinability Rating
Excellent	Good	85

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## TYPICAL USES

Product Category	Product	Reason
 <p>Builders Hardware</p>	Hardware.	Appearance, Corrosion Resistance, Moderate Strength.
 <p>Building</p>	Cooling Equipment, Heating Equipment, Lightning Protection, Trowels for Cement Working.	Thermal Conductivity, Corrosion Resistance, Moderate Strength, Electrical Conductivity, Oxidation Resistance, Wear Resistance.
 <p>Electrical</p>	Electrical Equipment, Electrical Hardware, Switches.	Electrical Conductivity, Thermal Conductivity, Corrosion Resistance, Moderate Strength, Corrosion Resistance to Fresh Water.
 <p>Fasteners</p>	Large Hold Down Screws.	Corrosion Resistance, Good Machinability, Moderate Strength.
 <p>Industrial</p>	Air Actuators, Bearing Segments for Steel Industry, Bearings, Bushings, Couplings, Furnaces, Handles for Dental Equipment, Impellers, Low Pressure Valves, Pressure Blocks for Steel Industry, Printing Presses, Pump Fixtures, Pump Parts, Pumps, Rings, Small Gears, Transducer Housings, Valve Bodies, Valve Bodies for the Water Meter Industry, Valves, Valves for the Water Meter Industry.	Corrosion Resistance, Good Machinability, Moderate Strength, Pressure Tight, Wear Resistance, Thermal Conductivity, Appearance, Ductility.
 <p>Marine</p>	Marine Products, Parts for Boats.	Corrosion Resistance, Corrosion Resistance to Salt Water, Wear Resistance, Moderate Strength, Corrosion Resistance to Salt Water.
 <p>Plumbing</p>	Faucets, Fixtures, Pipe Fittings.	Appearance, Corrosion Resistance, Moderate Strength, Wear Resistance.

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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



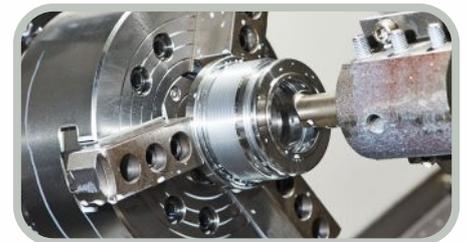
25 Grams to 10 Kgs

### 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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