



Adinath

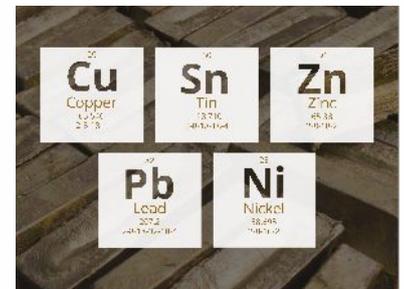
Create, Enhance & Sustain

LTB-2 Gun Metal/Red Brass/Bronze

Specification Sheet

DESCRIPTION

LTB2 is the Indian Standard of Leaded Gun Metal which is equivalent to 85/5/5/5 Bronze. The substantial amount of Lead gives excellent machining properties, medium strength and good pressure tightness and resistant to dezincification. LTB2 Alloy has reasonable resistant 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	Sb	Oi
Min (%)	Balance	-	-	-	4.00	4.00	4.00	-	-	-
Max (%)		0.01	0.35	2.00	6.00	6.00	6.00	0.02	0.40	0.80

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

COMPARATIVE SPECIFICATIONS

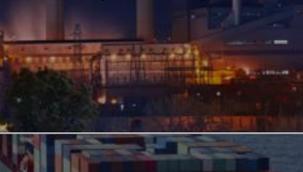
LG2	C83600	85/5/5/5 Bronze	CuSn5Pb5Zn5
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FABRICATION PROPERTIES

Soldering	Brazing	Machinability Rating
Excellent	Good	84

LTB-2 Gun Metal/Red Brass/Bronze

TYPICAL USES

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