



Adinath

Create, Enhance & Sustain

C-62300 : Aluminium Bronze

Specification Sheet

DESCRIPTION

C62300 is a medium to high strength bronze, non sparking material which retains its properties at cryogenic temperatures. It can be easily machined with good ductility and anti-galling properties finding its wide usage in aerospace industry.



CHEMICAL COMPOSITION

Element	Cu	Al	Fe	Ni	Mn	Tin	Si
Min (%)	Balance	8.50	2.00	-	-	-	-
Max (%)		10.00	4.00	1.00	0.50	0.60	0.25

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

COMPARATIVE SPECIFICATIONS

IS:3091	C95200	BS:1400 AB1	Others: Aluminium Bronze
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FABRICATION PROPERTIES

Soldering	Brazing	Machinability Rating
Not Recommended	Fair	50

CASTING CHARACTERISTICS

Casting Attribute	Level
Casting Yield	Low
Drossing	High
Fluidity	Medium
Gassing	Medium

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TYPICAL USES

Product Category	Product	Reason
 <p>Fasteners</p>	Bolts, Nuts.	Corrosion Resistance to Chemicals, Fresh water and sea water.
 <p>Industrial</p>	Bearings, Cams, Pump Rods, Valve Guides, Valve Seats, Valve Stems, Worm Gears.	Corrosion Resistance, Friction and wear Properties, Mechanical Properties.
 <p>Marine</p>	Marine Hardware	Corrosion Resistance, Friction and wear Properties, Mechanical Properties.

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.



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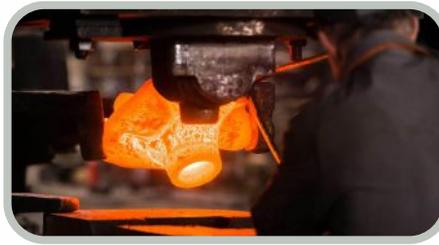
VALUE ADDED SERVICES

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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