



Adinath

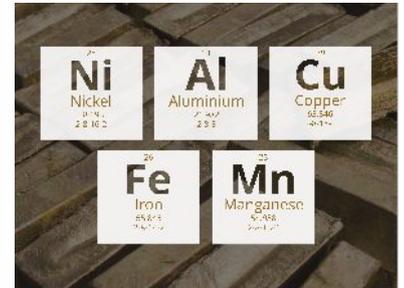
Create, Enhance & Sustain

C-95410 : NICKEL ALUMINIUM BRONZE

Specification Sheet

DESCRIPTION

C95410 is Nickel Aluminium Bronze Casting Alloy which contains Nickel content between 1.50 to 2.50% making it a good substitute for C95400 resulting in uniform material, stronger and more corrosion resistant than C95400.



CHEMICAL COMPOSITION

Element	Cu	Al	Fe	Ni	Mn
Min (%)	83.00	10.00	3.00	1.50	-
Max (%)	-	11.50	5.00	2.50	0.50

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

COMPARATIVE SPECIFICATIONS

ASTM : B30	CDA: C95400
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FABRICATION PROPERTIES

Soldering	Brazing	Machinability Rating
Good	Good	60

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TYPICAL USES

Product Category	Product	Reason
 Industrial	Bearings	Corrosion Resistance, Wear Resistance, Fatigue Strength, High Strength, Retains Strength at Elevated Temperatures.
	Gears	Corrosion Resistance, Wear Resistance, Fatigue Strength, High Strength, Retains Strength at Elevated Temperatures.
	Pickling Baskets	Corrosion Resistance, Corrosion Resistance to Acids, Wear Resistance, High Strength, Retains Strength at Elevated Temperatures.
	Pickling Hooks	Corrosion Resistance, Wear Resistance, Fatigue Strength, High Strength, Retains Strength at Elevated Temperatures.
	Spur Gears	Corrosion Resistance, Wear Resistance, Fatigue Strength, High Strength, Retains Strength at Elevated Temperatures.
	Valve Components	Corrosion Resistance, Wear Resistance, Fatigue Strength, High Strength, Retains Strength at Elevated Temperatures.
	Worms	Corrosion Resistance, Corrosion Resistance to Acids, Wear Resistance, High Strength, Retains Strength at Elevated Temperatures.

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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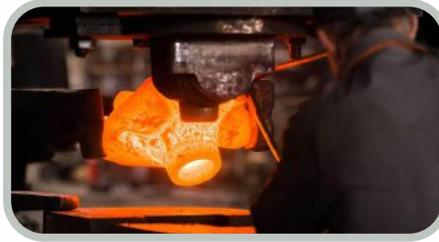
VALUE ADDED SERVICES

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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