



Adinath

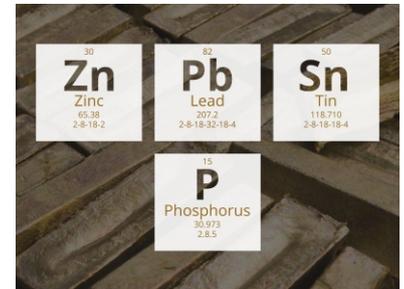
Create, Enhance & Sustain

PB-2 : PHOSPHOR BRONZE

Specification Sheet

DESCRIPTION

Pb2 is a phosphor bronze with Tin content higher than PB1 making it an ideal material for bearings having medium to high loads and speeds, and has good resistance to impact loading or pounding. It has good machining properties, high strength, good corrosion resistance to brine and seawater, making it suitable for making valve and pump components.



CHEMICAL COMPOSITION

Element	Cu	Al	Fe	Ni	Zn	Pb	Sn	P
Min (%)	Balance	-	-	-	-	-	11.00	0.15
Max (%)		0.01	0.10	0.50	0.30	0.50	13.00	0.60

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

COMPARATIVE SPECIFICATIONS

UNS: C90800	CuSn12	CuSn11P	C90810
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TYPICAL USES

Product Category	Product	Reason
<p>Industrial:</p>	Heavy duty gears, Bearings, Bushes, Worm wheels	Good shock resistance, Good strength, Good Machinability, Good corrosion resistance.

PB-2 : PHOSPHOR BRONZE

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



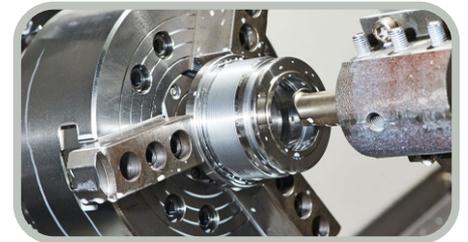
25 Grams to 10 Kgs

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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