



Adinath

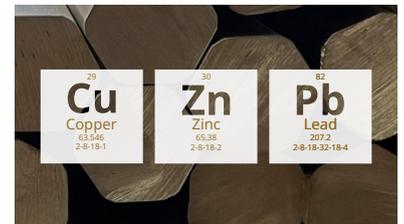
Create, Enhance & Sustain

CW602N:LEADED BRASS

Specification Sheet

DESCRIPTION

CW602N is a special alloy also known as leaded arsenical brass which contains extremely low dezincification values. CW602N offers good machinability with improved strength levels and can be easily hot forged. It is a preferred choice to make Fitting parts in contact with water where there are stringent requirements for dezincification.



CHEMICAL COMPOSITION

Element	Cu	Al	Fe	Ni	Mn	Zn	Pb	Sn	As	OI
Min (%)	61.00	-	-	-	-	Balance	1.70	-	0.02	-
Max (%)	63.00	0.05	0.10	0.30	0.10		2.80	0.10	0.15	0.20

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

SHAPE



SOLID ROUND BARS

Size Range :
Dia 8 mm up to 120 mm



SOLID HEX BARS

Size Range :
A/F 10 mm up to 100 mm



SOLID SQUARE BARS

Size Range :
A/F 10 mm up to 90 mm



SOLID RECTANGLE BARS

Size Range :
A/F 10 x 12 mm up to 100 x 50 mm



HOLLOW BARS

Outer Diameter : In Round, Hex & Square.
Size Range : 30 mm up to 120 mm
Inner Diameter : Round
Size Range : 20 mm up to 80 mm



PROFILES & SECTIONS

As per Customers' Drawing



BAR LENGTH

Length : Up to 4 Meters
Delivery Condition : As Extruded or Cold Drawn.

STRAIGHT KNURLING



CROSS KNURLING



Straight Knurling & Cross Knurling will be available upon shape & size Feasibility of Brass Rod

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MECHANICAL PROPERTIES

Round (Dia)				
Range (mm)	UTS Min (N/MM ²)	PS Min (N/MM ²)	Elongation Min (%)	Hardness (HRB)
Over 6 to 40 Inclusive	350	150	25	90
Hex (A/F)				
Range (mm)	UTS Min (N/MM ²)	PS Min (N/MM ²)	Elongation Min (%)	Hardness (HRB)
Over 5 to 35 Inclusive	350	150	25	90
Square (A/F)				
Range (mm)	UTS Min (N/MM ²)	PS Min (N/MM ²)	Elongation Min (%)	Hardness (HRB)
Over 5 to 35 Inclusive	350	150	25	90

PACKING



-  PVC Pipe Packing for Small Diameter Rods.
-  Hessian Cloth Packing.
-  Wooden Box Packing as per Customer requirements.

FABRICATION PROPERTIES

Soldering	Brazing	Machinability Rating
Excellent	Good	75

TYPICAL USES

Product Category	Product
Plumbing	Plumbers' Brass Goods, Plumbing Fittings.

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VALUE ADDED SERVICES

AEPL manufactures and supplies Copper Alloys Extruded Bars to Domestic as well as International Markets. Our customer base has a key advantage since our Foundries, Laboratories, Extrusion Mill, Shell Mouldings and CNC Machine shop are all located on a single site, which eliminates waste and allows excellent quality control at each stage. Our ability to reclaim swarf and machined chips allows us to offer competitive pricing for the parts that we either extrude or cast.

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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