



Adinath

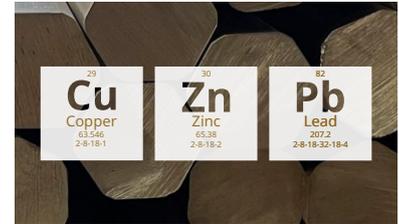
Create, Enhance & Sustain

C-34000:LEADED BRASS

Specification Sheet

DESCRIPTION

C34000 is Medium Leaded Brass with good corrosion resistance and excellent formability.



CHEMICAL COMPOSITION

Element	Cu	Fe	Zn	Pb	Oi
Min (%)	62.00	-	Balance	0.80	-
Max (%)	65.00	0.15		1.50	0.50

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 to 120 mm.



SOLID HEX BARS
Size Range :
A/F 10 mm to 100 mm.



SOLID SQUARE BARS
Size Range :
A/F 10 mm to 90 mm.



SOLID RECTANGLE BARS
Size Range :
A/F 10 x 12 mm to 100 x 50 mm.



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

C-34000:LEADED BRASS



MECHANICAL PROPERTIES

Round (Dia)				
Range (mm)	UTS (MPA)	PS Min (MPA)	Elongation Min (%)	Hardness (HRB)
Over 2 to 12 Inclusive	395 - 555	170	7	60 - 80
Over 12 to 25 Inclusive	380 - 485	170	10	50 - 75
Over 25 to 75 Inclusive	345 - 425	140	15	40 - 70
Hex (A/F)				
Range (mm)	UTS (MPA)	PS Min (MPA)	Elongation Min (%)	Hardness (HRB)
Over 3 to 12 Inclusive	395 - 555	170	7	60 - 80
Over 12 to 25 Inclusive	380 - 485	170	10	50 - 75
Over 25 to 70 Inclusive	345 - 425	140	15	40 - 70
Square (A/F)				
Range (mm)	UTS (MPA)	PS Min (MPA)	Elongation Min (%)	Hardness (HRB)
Over 3 to 12 Inclusive	395 - 555	170	7	60 - 80
Over 12 to 25 Inclusive	380 - 485	170	10	50 - 75
Over 25 to 60 Inclusive	345 - 425	140	15	40 - 70

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	70

C-34000:LEADED BRASS



TYPICAL USES

Product Category	Product
Automotive	Valve Stems for Tires.
Builders Hardware	Butts.
Consumer	Engravings.
Electrical	Threaded Connectors.
Fasteners	Nuts, Rivets, Screws.
Industrial	Couplings, Dials, Flare Fittings, Gears, Instrument Plates, Nuts, Screws Rivets, Screw Machine Products.
Ordnance	Drawn Shells.
Plumbing	Plumbers' Brass Goods, Plumbing Fittings.

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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