



Adinath

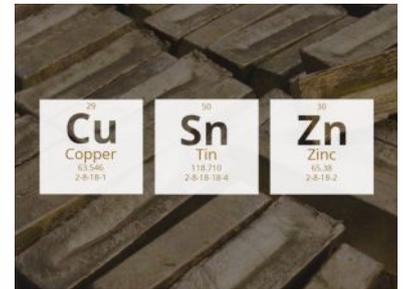
Create, Enhance & Sustain

CC-480K/CuSn10 : TIN BRONZE

Specification Sheet

DESCRIPTION

CC480K also commonly known as CuSn10 is a Tin Bronze alloy without addition of Lead and Phosphorus. It can tolerate moderate loads and speeds. It has resistance to corrosion and stress corrosion cracking particularly in acidic conditions. CuSn10 also has good sliding properties.



CHEMICAL COMPOSITION

Element	Cu	Al	Fe	Ni	Mn	Zn	Pb	Sn	Si	S	Sb	P
Min (%)	88.00	-	-	-	-	-	-	9.00	-	-	-	-
Max (%)	90.00	0.01	0.20	2.00	0.10	0.50	1.00	11.00	0.02	0.05	0.20	0.20

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

COMPARATIVE SPECIFICATIONS

BS 1400: Pb1	AS 1565: C90250	ASTM: B505	CuSn10
--------------	-----------------	------------	--------

TYPICAL USES

Product Category	Product	Reason
<p>Fasteners</p>	Lead Screw Nuts.	Corrosion Resistance, Corrosion Resistance to Numerous Environments, Good Machinability , Moderate Strength.

CC-480K/CuSn10 : TIN BRONZE

Product Category	Product	Reason
 Industrial	Bearings, Bushings, Gears, Heavy Duty Bearings, Pump Impellers, Pump Pistons, Steam Fittings.	Corrosion Resistance, Corrosion Resistance to Numerous Environments, Wear Resistance, Good Machinability, Moderate Strength, Corrosion Resistance to Fresh Water, Corrosion Resistance to Saline Solutions, 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.



VALUE ADDED SERVICES

Casting Range



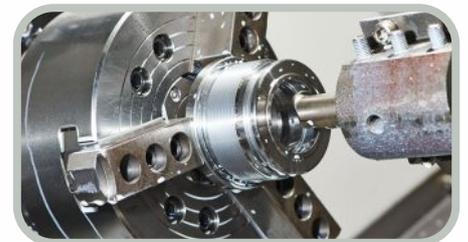
25 Grams to 10 Kgs

Forging Sizes



50 Grams to 6 Kgs

Machining Sizes



1 mm to 200 mm

CONNECT WITH US Adinath Extrusion Pvt. Ltd.

Plot No. 4051-4055,
Bhagwan Mahavir Swami Marg,
G.I.D.C., Phase-III, Dared,
Jamnagar - 361004, Gujarat, India.

+91 7600 55 9243 +91 288 2730868
sales@adinathextrusion.com,
marketing@adinathextrusion.com
www.adinathextrusion.com

