

Material: UNI EN 1982 CC750S

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group: Non-Ferrous Copper Alloy

Sub Group: EN 1982 Copper and Copper Alloys - Ingots and Castings

Application: Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade

Belongs to the Industry: Ingot and Casting

Chemical Composition		
Nickel	Ni %	1.000 max.
Lead	Pb %	1.000 - 3.000
Tin	Sn %	1.500 max.
Aluminium	Al %	0.100 max.
Iron	Fe %	0.800 max.
Manganese	Mn %	0.200 max.
Phosphorus	P %	0.050 max.
Silicon	Si %	0.050 max.
Cu + Ni	Cu%+Ni%	63.000 - 67.000
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	180 min.
Yield Strength in Mpa	70 min.
Elongation in %	12 min.
Reduction of Area in %	-
Hardness in HB	45 - 50
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CB750S	BS	British	Ingot and Casting
CC750S	EN	European Union	Ingot and Casting
CC750S	DIN	Germany	Ingot and Casting
CC750S	BS	British	Ingot and Casting
CACIn202	KS	Korea	Ingot and Casting
CuZn33Pb2-C	PN	Poland	Ingot and Casting
CuZn33Pb2-C	AFNOR NF	France	Ingot and Casting

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: info@icastllp.com



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India