

Material: DIN EN 1982 CB750S

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group: Non-Ferrous Copper Alloy

Sub Group: DIN 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			Heat Treatment	
Aluminium	Al %	0.100 max.	As-Cast	
Iron	Fe %	0.700 max.		
Manganese	Mn %	0.200 max.		
Nickel	Ni %	1.000 max.		
Phosphorus	P %	0.020 max.		
Lead	Pb %	1.000 - 2.800		
Silicon	Si %	0.040 max.		
Tin	Sn %	1.500 max.		
Cu + Ni	Cu%+Ni%	63.000 - 66.000		
Zinc	Zn %	Balance	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
CC750S	BS	British	Ingot and Casting
CB750S	EN	European Union	Ingot and Casting
CB750S	UNI	Italy	Ingot and Casting
CB750S	BS	British	Ingot and Casting
CAC202	JIS	Japan	Casting
CuZn33Pb2-B	PN	Poland	Ingot and Casting
CuZn33Pb2-B	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