

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		
Aluminium	Al %	0.100 max.
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
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

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
CC750S	BS	British	Ingots and Casting
CB750S	EN	European Union	Ingots and Casting
CB750S	UNI	Italy	Ingots and Casting
CB750S	BS	British	Ingots and Casting
CAC202	JIS	Japan	Casting
CuZn33Pb2-B	PN	Poland	Ingots and Casting
CuZn33Pb2-B	AFNOR NF	France	Ingots and Casting

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