

# Material: JIS H 5120 CAC202

## Standard Specification for Copper and Copper Alloys Castings

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** JIS H 5120 Copper and Copper Alloys Castings

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

**Belongs to the Industry:** Casting

Chemical Composition			Heat Treatment	
Aluminium	Al %	0.500 max.	As-Cast	
Iron	Fe %	0.800 max.		
Nickel	Ni %	1.000 max.		
Lead	Pb %	0.500 - 3.000		
Tin	Sn %	1.000 max.		
Copper	Cu %	65.000 - 70.000		
Zinc	Zn %	24.000 - 34.000		
-	-	-	<b>Mechanical Properties</b>	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Tensile Strength in Mpa	195 min.
			Yield Strength in Mpa	-
			Elongation in %	20 min.
			Reduction of Area in %	-
			Hardness in BHN	-
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CC750S	BS	British	Ingots and Castings
CB750S	EN	European Union	Ingots and Castings
CB750S	DIN	Germany	Ingots and Castings
CB750S	UNI	Italy	Ingots and Castings
CB750S	BS	British	Ingots and Castings
CuZn33Pb2-B	PN	Poland	Ingots and Castings
CuZn33Pb2-B	AFNOR NF	France	Ingots and Castings

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