

# Material: PN EN 1982 CuZn33Pb2-C

## Standard Specification for Copper and Copper Alloys - Ingots and Castings

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** PN 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			Heat Treatment	
Aluminium	Al %	0.100 max.	As-Cast	
Iron	Fe %	0.800 max.		
Manganese	Mn %	0.200 max.		
Nickel	Ni %	1.000 max.		
Phosphorus	P %	0.050 max.		
Lead	Pb %	1.000 - 3.000		
Silicon	Si %	0.050 max.		
Tin	Sn %	1.500 max.		
Cu + Ni	Cu%+Ni%	63.000 - 67.000	Mechanical Properties	
Zinc	Zn %	Balance	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	UNI	Italy	Ingot and Casting
CC750S	BS	British	Ingot and Casting
CACIn202	KS	Korea	Ingot and Casting
CuZn33Pb2-C	AFNOR NF	France	Ingot and Casting

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Customer Care: +91-99090 45075 Email: [info@icastllp.com](mailto:info@icastllp.com)