

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		
Aluminium	Al %	0.100 max.
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
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	Ingots and Casting
CC750S	EN	European Union	Ingots and Casting
CC750S	DIN	Germany	Ingots and Casting
CC750S	UNI	Italy	Ingots and Casting
CC750S	BS	British	Ingots and Casting
CACIn202	KS	Korea	Ingots and Casting
CuZn33Pb2-C	AFNOR NF	France	Ingots and Casting

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