

Material: ONORM EN 1982 CC751S

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group: Non-Ferrous Copper Alloy

Sub Group: ONORM 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 %	0.250 - 0.500
Manganese	Mn %	0.150 max.
Nickel	Ni %	0.800 max.
Lead	Pb %	0.800 - 2.200
Antimony	Sb %	0.050 max.
Silicon	Si %	0.650 - 1.100
Tin	Sn %	0.800 max.
Cu + Ni	Cu%+Ni%	63.500 - 66.000
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	470 min.
Yield Strength in Mpa	310 min.
Elongation in %	3 min.
Reduction of Area in %	-
Hardness in HB	150 min.
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CB751S	BS	British	Ingot and Casting
CC751S	EN	European Union	Ingot and Casting
CC751S	DIN	Germany	Ingot and Casting
CC751S	UNI	Italy	Ingot and Casting
CC751S	BS	British	Ingot and Casting
CC751S	AFNOR NF	France	Ingot and Casting
CC751S	CSN	Czech Republic	Ingot and Casting

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