

# Material: ONORM EN 1982 CC752S

## 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 %	0.300 - 0.700
Arsenic	As %	0.040 - 0.140
Iron	Fe %	0.300 max.
Manganese	Mn %	0.100 max.
Nickel	Ni %	0.200 max.
Lead	Pb %	1.500 - 2.200
Antimony	Sb %	0.140 max.
Sb + As	Sb% + As%	0.140 max.
Silicon	Si %	0.020 max.
Tin	Sn %	0.300 max.
Copper	Cu %	61.500 - 64.500
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	280 - 330
Yield Strength in Mpa	120 - 250
Elongation in %	1.5 - 10
Reduction of Area in %	-
Hardness in HB	70 - 110
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CB752S	BS	British	Ingot and Casting
CC752S	UNI	Italy	Ingot and Casting
CC752S	UNE	Spain	Ingot and Casting
CC752S	CSN	Czech Republic	Ingot and Casting
CC752S	BDS	Bulgaria	Ingot and Casting
CC752S	PN	Poland	Ingot and Casting
CC752S	MSZ	Hungary	Ingot and Casting

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