

Material: DIN EN 1982 CC755S

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group: Non-Ferrous Copper Alloy

Sub Group: DIN 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 %	0.400 - 0.700
Iron	Fe %	0.050 - 0.200
Manganese	Mn %	0.050 max.
Nickel	Ni %	0.200 max.
Lead	Pb %	1.200 - 1.700
Silicon	Si %	0.050 max.
Tin	Sn %	0.300 max.
Copper	Cu %	59.500 - 61.000
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	310 - 350
Yield Strength in Mpa	180 - 210
Elongation in %	3 - 13
Reduction of Area in %	-
Hardness in HB	90 - 100
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CB755S	BS	British	Ingot and Casting
CC755S	MSZ	Hungary	Ingot and Casting
CC755S	UNI	Italy	Ingot and Casting
CC755S	AFNOR NF	France	Ingot and Casting
CuZn39Pb1AlB-C	UNE	Spain	Ingot and Casting
CuZn39Pb1AlB-C	CSN	Czech Republic	Ingot and Casting
CuZn39Pb1AlB-C	MSZ	Hungary	Ingot and Casting

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