

Material: UNI EN 1982 CB754S

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group: Non-Ferrous Copper Alloy

Sub Group: UNI 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 - 0.800	As-Cast	
Iron	Fe %	0.700 max.		
Manganese	Mn %	0.500 max.		
Nickel	Ni %	1.000 max.		
Phosphorus	P %	0.020 max.		
Lead	Pb %	0.500 - 2.400		
Silicon	Si %	0.050 max.		
Tin	Sn %	1.000 max.		
Cu + Ni	Cu%+Ni%	58.000 - 62.000	Mechanical Properties	
Zinc	Zn %	Balance	Tensile Strength in Mpa	-
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CC754S	BS	British	Ingot and Casting
CB754S	AFNOR NF	France	Ingot and Casting
CB754S	ONORM	Australia	Ingot and Casting
CB754S	BS	British	Ingot and Casting
CuZn39Pb1Al-B	UNE	Spain	Ingot and Casting
CuZn39Pb1Al-B	CSN	Czech Republic	Ingot and Casting
CuZn39Pb1Al-B	MSZ	Hungary	Ingot and Casting

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