

Material: BDS EN 1982 CC752S

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group: Non-Ferrous Copper Alloy

Sub Group: BDS 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 %	0.300 - 0.700	As-Cast	
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	Mechanical Properties	
Zinc	Zn %	Balance	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	ONORM	Australia	Ingot and Casting
CC752S	PN	Poland	Ingot and Casting
CC752S	MSZ	Hungary	Ingot and Casting

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: info@icastllp.com