



## Material - BDS EN 1982 CB752S

### 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 - 0.120				
Iron	Fe %	0.300 max.				
Manganese	Mn %	0.100 max.				
Nickel	Ni %	0.200 max.				
Lead	Pb %	1.500 - 2.100				
Antimony	Sb %	0.040 - 0.120				
Silicon	Si %	0.020 max.				
Tin	Sn %	0.300 max.				
Copper	Cu %	61.500 - 65.000				
Zinc	Zn %	Balance	<th colspan="2">Mechanical Properties</th>		Mechanical Properties	
-	-	-	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
CC752S	BS	British	Ingot and Casting
CB752S	UNI	Italy	Ingot and Casting
CB752S	UNE	Spain	Ingot and Casting
CB752S	CSN	Czech Republic	Ingot and Casting
CB752S	ONORM	Australia	Ingot and Casting
CB752S	PN	Poland	Ingot and Casting
CB752S	MSZ	Hungary	Ingot and Casting

**Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email [marketing@gravitycastindia.com](mailto:marketing@gravitycastindia.com)**

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