



## Material - DIN EN 1982 CB755S

**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			Heat Treatment	
Aluminium	Al %	0.400 - 0.650	As-Cast	
Iron	Fe %	0.050 - 0.200		
Manganese	Mn %	0.050 max.		
Nickel	Ni %	0.200 max.		
Lead	Pb %	1.200 - 1.700		
Silicon	Si %	0.030 max.		
Tin	Sn %	0.300 max.		
Copper	Cu %	59.000 - 60.500		
Zinc	Zn %	Balance	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
CC755S	BS	British	Ingot and Casting
CB755S	AFNOR NF	France	Ingot and Casting
CB755S	ONORM	Australia	Ingot and Casting
CB755S	MSZ	Hungary	Ingot and Casting
CuZn39Pb1A1B-B	UNI	Italy	Ingot and Casting
CuZn39Pb1A1B-B	CSN	Czech Republic	Ingot and Casting
CuZn39Pb1A1B-B	UNE	Spain	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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