



## Material - BS EN 1982 CuZn35Pb2Al-C (CC752S)

Standard Specification for Copper and Copper Alloys - Ingot and Casting

Group - Non-Ferrous Copper Alloy

Sub Group - BS EN 1982 Standard Specification for Copper and Copper Alloys - Ingot and Casting

Application - Intended for Valve, Pump, General Engineering, Automotive and Other Industries

Grade Belongs to the Industry - Ingot and Casting

Chemical Composition			Heat Treatment	
Arsenic	As %	0.040 - 0.140	As-Cast	
Lead	Pb %	2.200 max.		
Antimony	Sb %	0.1400 max.		
Iron	Fe %	0.300 max.		
Manganese	Mn %	0.100 max.		
Nickel	Ni %	0.200 max.		
Silicon	Si %	0.020 max.		
Tin	Sn %	0.300 max.		
Copper	Cu %	61.500 - 64.500		
Zinc	Zn %	Balance	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	280 min.
-	-	-	Yield Strength in Mpa	120 min.
-	-	-	Elongation in %	10 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HBW	70 min.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CB752S	UNI	Italy	Ingot and Casting
CB752S	UNE	Spain	Ingot and Casting
CB752S	CSN	Czech Republic	Ingot and Casting
CB752S	BDS	Bulgaria	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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